



Private Log of *C. A. Jackson*
Garyne Frances Palmer
off San Francisco
Germany 1887

and of
Echodina Rosario of London
March 8th 1888

S. S. ARNHEIM,
 No. 8 STEWART ST. SAN FRANCISCO
AGENT
 FOR HYDROGRAPHIC AND
 U. S. COAST SURVEY CHARTS,
 ALMANACS, TIDE TABLES,
 BOWDITCH NAVIGATORS, AND OTHER BOOKS.

A Whaling voyage from San Francisco
On the "Barque" Frances Palmer
By A. A. Parker - Commander -
1887 -

Tuesday January 11th

Light-buffing airs, and calm 12-30 P.M. came on board took charge and towed out to "9 fathoms buoy" in company with the schooner "Ida Schwan" by tug "Relief" cast off and made sail at 2 P.M. no wind until 5 P.M. light-W. H. W. furled all light-sails at dark only 2 officers out of 5 sober - men much same condition bore T. H. W. are trusty but close on from the crew.

Wednesday January 12th

Wind moderate in gust through the night lost sight of "Mallone light" at 1.30 A.M. bearing S Increased sail at daylight to M. & G. sail & bore by W. 3 P.M. - T. H. E. employed in trying to fit this dirty run down craft so we can live in her - chose & set watches and boat crews. one boatster shot took a man out of forecabin Lat. 36.07 Long 123.398

Thursday January 13 -

Moderate W. wind cloudy with fine mist-showers through the night under topsail and forecabin T. H. E. daylight set M. & G. sail saw a 3 Mast schooner on wind to the South. Eng. in fitting boats cleaning guns & stowing away articles 12 M. bore T. H. E. dark furled M. & G. sail fine mist showers falling little or no wind Lat. noon 34.26.47 N. No Long

Towards "Guadalupe Island" 1887

Friday January 14th

Moderately S.W. wind cloudy with rain fog and mist - steering S.E. & at 9 a.m. bore E.S.E. under main royal. Employed in fitting boats. Some brass reeling running gear from old whalelines. Myself at work upon the cabin which I am trying to fit so as to make it habitable. Put some small stores in a cask in blubber room - Lat - 32.31 N Long 124.25 E.

Saturday January 15th

Light - S.W. winds with rain and fog calm part of night - steering E.S.E. under main royal Emp in washing ships, Inside, and fitting boats & etc. everything is all to pieces here and I do not believe anything was done to the ship last year. I have been kind at work upon the cabin since we left and have not yet finished. There is hardly a block that is useful and we have nothing to fix them with. It will take all the between seasons to fit the ship so we can work her Lat 31.20 N Long 122.45 E.

Sunday January 16th

Moderately S.W. wind clear weather under all square sail E.S.E. a general observance of the day no work done. At 9 a.m. bore S.E. for Guadalupe Island 80 miles distant towards night wind growing lighter

Lat 30-30 North Long 118-40 West.

Off "Guadalupe Island" 1887

Monday January 17th

Light - Northwesterly air clear pleasant weather, under 10
 royal S.E. daylight saw Guadalupe Island S.E. 40 miles
 Employed in fitting boats gun & etc, myself at work
 upon the aft gunnies davits bracing & securing them,
 they were not properly fastened in San Francisco
 heavy calm all day a long rolling swell from S.W.
 coiled new lines for the forward boats and filled
 up the butt & cask on deck Lat 29-39 N Long 118-53
 this sight taken @ 4 P.M. agrees with the Chronometer

Tuesday January 18th

Light air Northwesterly and calm under all sail southerly up to
 12 M to clear "Guadalupe Island" then S.E. daylight the
 southerly west end of the Island bore S. 12 miles forenoon
 calm afternoon light S.W. wind clear & pleasant throughout
 Emp in breaking out for cordage & etc Carpenter and self
 at work upon the davits that all have to be secured now!
 Improvised a Blacksmithy from the crew and we manage to
 accomplish our wishes after a fashion saw Blackfish &
 Grampuses and "Gulfish" Lat-28-33 N Long 118-07 West.

Wednesday January 19th

Light North wind clear weather heavy dew & night
 E.S. under all sail Emp in breaking out to find rope
 gun the men clotting, saw Blackfish Carpenter Blacksmith
 and self at work upon the davits

Lat-27-33 N Long 116-48 West

Towards "Madalena, Fay"

Thursday January 20th

Moderate North wind cloudy weather under all sail S.E. by E. Afternoon cloudy Employed in fitting new cutting gyps. Carpenter, Blacksmith & self at work upon the davits and cranes wind light towards night - No observations -

Friday January 21st

Squally with rain showers from the North all night throughout the day fine weather and steady N.E. wind S.E. by E. under all sail Employed in fitting cutting gear and overhauling blocks & rigging Carpenter, Blacksmith and self at work upon the davits which are now in condition for use for the first time. Saw detached piece of kelp
Lat 25.22 N Long 113.02 West

Saturday January 22nd

Moderate N West wind clear weather under mizzen and all drawing sail S.E. by E. daylight bore E. by S. saw Cape St. Lazarus East by S 25 miles at 4 P.M. Cape Tosco or Southern End of Margarita Island bore N.E. 14 miles bore S.E. by E fine N.W. wind and clear caught 2 Bonitos by trailing a line astern - Saw Humpback whale Employed in overhauling blocks & braces - Still at work upon the davits with Carpenter & Blacksmith the latter temporarily for the occasion Lat 24.08 N Long 114.53 West

Off Cape St-Lucas Lower California

Sunday January 23rd

Fresh N.E. wind clear weather furl'd all light sails steering S by E up to 4 A.M. when we hauled up E by S daylight Cape St-Lucas East 40 mile Through the day light-buffling wind clear and pleasant under all Sails E by T up to 5 P.M. when we hauled off shore to clear the land some 7 miles distant. a barge in sight - astern seemingly bound as ourselves. Saw a Humpback whale and great numbers of porpoises

Lat 22.38 N Long 110.07 West

Monday January 24th

Light-buffling winds calm & clear heavy dew falling through the night steering when we could East-Cape St-Lucas at daylight N by W 30 miles exchanged colors with an English bark bound up the gulf Saw Humpback whales & porpoises. Emp. In laying sheathing putting out cutting staves fitting blocks & braces & etc. afternoon light N.W. wind steering E

Lat 22.40 N Long 109.24 W.

Tuesday January 25th

Light-buffling air & calm daylight the land near Cape St-Lucas N.W. 45 miles forenoon wind light N.E. Saw Humpback whales all heading up the gulf Afternoon wind moderate & steering E $\frac{1}{2}$ N under all drawing sail Employed in laying new sheathing of 3 inch wide tongue & groove Oregon pine 1 inch thick. have not sufficient for the purpose

108.
Lat 22.18 N Long 108.42 West

off Irea Maria Islands

Wednesday January 26th

Calm through the night up to 3 a m then a light - southerly wind $E\frac{1}{2}$ or under all drawing sail 11 a m saw Maria Islands "Ely" 40 miles at 4 P. M. White Rock L.H. 10 miles reduced sail and luffed to wind under jib & topsails ready to go - too late to reach the anchorage to night saw Humpback whales. Finished sheathing the decks from the fact that our lumber is all used up have not enough to completely fit - Observation @ 4 P. M. found the chronometer 30 miles too far East
Lat - $21-30$ or Long $106-30$ W

Thursday January 27th

Moderately strong wind clear weather, under jib & topsails on diff tracks, daylight "San Jacinto" Island bore L.H. 13 miles under all sail and at 10 minutes to 10 a m anchored in 7 fathoms with 30 fms chain & starboard anchor 11.00 a m saw a Cow & calf Humpback lowered 5 boats struck & killed the cow to starboard boat and while towing to the ship by the dross lost the whale & he sank down came out large whale lost for want of judgement on part of Mates who should have secured him against accident. Calm & light baffling wind all day & very warm have great difficulty in hitting the boats by the new darts on port gunwale. There is too much a schooner at anchor to the S of us 6 miles

At anchor @ "Tres Marias" Islands

Friday January 28th 1887

Calm & light-buffing winds clear pleasant weather
@ 6 a.m. had breakfast @ 7 sent off 4 boats to cruise
12 m. returned killed around frightened whale
away Conf. In setting up Mizzon rigging Afternoon
saw whales sent off 3 boats returned at dusk saw
several whales. Many porpoises around constantly
All the masts in yard arm ends are worn out
& we are replacing them as best we can with spar
material to work with. a boat from the main
Island reports the schooner at anchor there to be
the "John Mayall" Capt. Olsen bound to Juvis 2nd
days now loading with cedar wood I think there
killed her whale on whale up

Saturday Jan 29th

Fresh S.W. wind and clear weather @ anchor
On 7 fathoms with Stambord anchor & 30 fth
chain saw a schooner run down with
main Island saw porpoises & 1 Humpback
No chance to lower the fleet anchor on first
side, set up forward rigging finished the
brace blocks and sheaves forward &
repaired and fitted the wheel which
was run up in canvas for some foolish
purpose we now have the guns down
can work them and can shoot how the
topails and topgallant sails which we
could not do before. Everything needs repair

Off Isabel Island

Sunday January 30th

Light & fair, clear pleasant weather 8 A.M. a boat landed on the island ostensibly for rabbit shooting. I spine to bring Messal; took anchor and bore S.E. & E under all sail for Isabel Island. Saw Hesper black and frank many turtles at 4 P.M. the Island bore S.E. 6 miles reduced sail and luffed to wind S.E. to late to make anchorage. On boat saw no more turtles after we came to anchor.

Monday January 31st

Calm all night and forenoon Isabel Island. At 12 miles saw Hesper black in various quantities but no Calves. Temp in setting up morning warm & pleasant. Quite bright afternoon light-buffing southerly air lowered 3 boats for Hesper of which we saw many. 4 of the boats are fitted with the "Haverside guns" Mr. Spencer and Mr. Gray 1st & 3^d male both had chance to shoot whales but the cartridges would not explode. They were put on board by Mr. Whitelaw one of the owners as he said "in good condition" but they have been loaded too long and have been damaged by salt water and the result of all is we have lost one or more whales today. dark wind light standing to 6 P.M. on wind render easy sail land J.M.

off Oshabel Island

Thursday January February 185

Calm all night - daylight light West wind Island
 South 12 miles steady in toward it - saw a schooner
 steering to S.E. 9 a.m. lowered 3 boats for Hampton
 Many in sight 2 boat had chance to strike
 but the infernal guns would not explode the
primers in the shells; fitted the mate before he
 lowered but he had no chance. These guns were
 sent from the ship by myself to Mr Whitcomb to
 have them overhauled and put in order but
 nothing of the kind was done! so tomorrow I am
 to fit them off Ocean. Many Hamports seen 3
 cows & calves the rest bulls & cows the Coast plain
 in sight and the "Ora Maris" at sunset 2
 men seen on the Island but we have had no
 communication as yet standing off shore under
 easy sail at dark wind light West clear weather
 found the foretop rotten, another Carpenter
 job for me - Carpenter at work making
 wheelhouse so we can get in & out of it.

Wednesday February 2nd

Calm & light-buffing winds off North end of Island
 through night - sent in 3 boats 8 a.m. and chance
 until dark many whales but very wild saw
 4 schooners through the day shot 2 whales with
 rifle from ship saw land an "Ora Maris"
 in sight - all day dark on wind W by S for Ora
 Maris again Carpenter at work on wheelhouse &
 trying to fix our whaling guns -

"Anchor @ Magdalena Island"
 Thursday February 3rd

Light-Northerly airs, though the night-standings to the
 Westward, daylight "Isabel Island" N.E. 20 miles
 Coast and "San Maria" plain in sight at 2 Pm
 Saw Humpback whales close in to Magdalena
 lowered 3 boats at 4 Pm came to an anchor in
 7 fathoms water, Rocky Bluff to W $1\frac{1}{2}$ miles further
 Sails saw numerous whales but no Cow & Calf
 In trying to fit the "Haverside gun" today on the
 Deck in the glare of a scorching sun had an
attack of vertigo! that rendered me useless for the
rest of the day; Carpenters putting a new plank
 on aft side of fore top which was rotten and
 useless; scraped mast for first time & greased
 them

Friday February 4th

Light-boffling airs, calm clear and very warm
 lying at anchor in 7 fathoms water with 30 fathoms
 chain. Emp in setting up rigging putting down
 fitting boat blocks & Savel sheaves repairing fore
 tops, foot barriers and altering wheel house
 with all hands. Saw a few whales to day wide
 off shore but not lower - the best one of our pig
 died last night. probably too fat. a lagoon seen
 from the Masthead to the S.W. of us from the
 low point. Numerous fish seen but they will
 not take the hook.

Mrs J arrived in Auckland N.Z. this day —

At Anchor @ Magdalena Island 1887 —

Saturday February 5th

Light-buffing airs clear calm and warm — Employed with all hands in ratting rigging & setting up topmast & topgallant rigging scraping spar caulking forecabin deck making wheelhouse etc. — During forenoon went off in Landbound boat for a Cow & calf and the gun missed fire went off second time, did not get near — Evening 5 o'clock sent Maty off who fired at and missed a whale so ends this days work — Saw several whales off shore —

Sunday February 6th

Calm all night strong North wind all day calm again at night 2 boats went on shore but they surf was too high to admit of their staying so accomplished nothing object of visit was to obtain Iron poles saw Hemphills sent off three boats. Maty went on to one (Goodcham) bomb went off but Iron cartridge missed fire afterwards went on to another both cartridges exploded pin in the Iron broke so I suppose must have hit the whale somewhere — but the gun is not reliable as we have to push the hammer instead of pulling the trigger and this make 9 failures to make just all for want of guns being imperfect as well as cartridges I am but surprise that Mr Whitlam neglected to have them overhauled as I sent them from the Ship-Blind Shop for that purpose — Error of Chronometer today 39-17 slow of Greenwich Mean time

At Anchor @ Magdalena Island 1887
 Monday February 7th

Light-air and calm through the night daylight breeze
 N.W. wind clear. All hands employed in fitting rattling
 and turning rigging. Saw a few terns & a few off shore
 afternoon employed in breaking out for coffee got the
 decks full of casks and a terns & a few off shore
 came within gun from the South, lowered Mate's and
 he struck, and saved the Cow (had been at work
 on his gun all forenoon) sent all boats off to him
 and when they commenced to tow some 4 miles from
 the ship it commenced to blow from N.W. Mate
 anchored the whale & lay by him all night the other
 boats were several hours getting on board & were at-
 tached to prevent dragging. Moon at her full & an eclipse

Tuesday February 8th

Fresh N.W. wind clear high swell daylight took anchor
 and under jib ran down to Mate's and hauled
 his whale alongside with Cape Henry string tied
 setting to South. Out whale by 12-30 P.M. but the
 sharks had eaten off one fin and most of the
 head throat & lips afternoon employed in breaking
 out for coffee water & etc. repairing starboard boat
 stove by self. one piece during gun runned
 but the Cow was struck and killed by the Hancock
 gun & had fished at anchor in 17 fathoms in line
 with Magdalena Rocky point and west side of
 Lea Island much swell & the chain out
 from Reels to day 59' 22' 02" and hoisting!!

Working to windward towards "Maine Madre" Id.
 Wednesday February 9th

Fresh S.W. wind all night - considerable swell at anchor
 On 17 fathoms with 45-fth chain Emp through the night
 On fitting the boat and preparing for boiling at 7.30
 a.m. took anchor and under fore & aft sails and
 foretop sail commenced beating to windward saw
 a few whales porpoises & Killers commenced boiling
 at 6 P.M. having finished ratting the main topmast
 rigging set main top sail toward night - wind light
 W.S.W. Current setting us to the Eastward. regular
 tides while at anchor 6 hours at times 2 knots
Sailed Chronometer to day 59-17 3/4

Thursday February 10th

Calm all night & forenoon Employed in tarring the rigging
 and finishing ratting. Saw 2 Humpbacks and many
 turtles went off with starboard boat and caught 14 fair
 sized ones. Magdalena Island 7 1/2 miles Evening a
 light - W.S.W. wind under consent m.t.g. sail on way to W
 finished boiling about 12 midnight about 16 barrels of oil

Friday February 11th

Calm and light-buffing winds through night - daylight - Isabel
 Island 2 1/2 miles and a schooner to the East - a light East
 air - bore W by N for "St. Jacinto" Island Emp in tanning
 fitting new leading boards to the rigging Afternoon from S.W.
 wind 4 P.M. tacked to S.E. 2 miles from Salt Station
 on "Maine Madre" Island finished main royal
 working to windward under all sail -

Working to windward towards San Jacinto Island
 Saturday February 12th 1887

Calm nearly all night & forenoon weather very warm afternoon moderate West wind, Emp
 In pumping water out of ground tier, Sub Casks
 In Hubberoom and filling ground with salt-
 water started meat by since sailing to Pine
 Fork & Pine to 5 fathells meat - at 5 PM saw a
 Hornblack Cow & Calf going to windward knew
 they mate to no purpose at 6:30 PM San Jacinto
 North end 14 to 16 miles saw a schooner @ anchor
 off the town @ "Maria Madre" on diff tacks during the
 afternoon. Emp myself with getting my bed & table

Sunday February 13th

Light-buffing air and calm all night and forenoon afternoon
 light-westerly wind a white schooner beating up from the town
 at 4 PM the anchorage at San Jacinto West 5 miles lowered a
 boat for a Cow & Calf to no purpose Chron Rate today 57.46 slow

Monday February 14th

Light-air and calm through the night daylight anchorage @
 San Jacinto - bore Lm. @ 7 a m came to an anchor in 9 fms
 furlled sails. Emp in painting mast tops & cross trees while
 a boat from the town came to go sold a ton of Beef a tin
of Pork 1 gal paint oil 6 lbs powder for 1000 copies
 saw a cow & Calf Hornblack brand started to wait food
 and dreamed the sea while ran around the delima
 fresh breeze afternoon to evening Calm Rate 59-31 5

At Anchor off San Jacinto Island " " " "
 Tuesday February 13th

Calm & clear at anchor in 9 fms with 30 fms chain
 7 A.M. sent all 5 boats off shore after whale. Struck
 a whale under water and drewed the gun broke the
 boom to the sail. Afternoon boat went on to another & the
 boatster in changing his Irons lost his chance. Mats
 went on shore after supper and found that there were
 plenty of Ironpoles to be had for the cutting we are short
 of them and I propose tomorrow to cut some. Saw
 a large barque steering down between the mainland and
 the Islands to the South - a schooner at anchor taking off
 cedar logs off the loading ground @ Maria Madre
 Chronometry Rate today show of 7m Time 59.29"

Wednesday February 14th

Calm all night - daylight - sent a boat on shore cut 43
 Ironpoles & a m sent boats off cruising returned at
 dusk had seen several single whales afternoon time 4.11

Moderately - Chron Rate 59.27 -

Thursday February 17th

Fresh N.W. wind clear throughout at 8 A.M. took anchor
 and ran down to East of Maria Madre Island when
 off the passage saw Humpbacks lowered Mats to no
 purpose bore 7 W 1/2 N for Socorro Island fresh wind
 under jib & sails and courses - Saw a small scho
 at anchor off the Salt Works and a Merchant bark
 standing towards main land on wind port tack
 water of a dark green muddy color

4 P.M. Lat 21.18 Long 106.45 West

Bound to Locoro Island for Humphreys

Friday February 18th

Fresh wind up to midnight then moderate & bearing
W & under M. P. G. haul W. $\frac{1}{2}$ W light all day and
evening & P. M. hauled up W. T. W. strong southerly set
Emp. On getting rigging & breaking out run to take an
ape of trade in the ship

Lat 19-50 N Long 108-39 W

Saturday February 19th

Moderate W wind clear under all sail from 7 A.M.
W. T. W. daylight saw a large ship steering off I sent down
main Royal yard to bend sail W. T. W. all day 6 P. M. saw
Locoro Island W. T. W. 30 miles dusk furled Royal on wire
W $\frac{1}{2}$ S

Lat 19-13 N Long 110-20 W

Sunday February 20

Fresh W wind cloudy on different tacks spent of time
aback Animed off East side of Locoro Island @ 12
M saw no whales sent in 1 boat for fish saw
several sheep on the hills. and smoke & steam
coming from the summit - saw 3 whales off
"Cornwallis Bay" chased with 1 boat - bore W by S at 6 P. M.

Monday February 21st

Light air and calm through the night daylight
Locoro Island E by N 40 miles Mod W & W wind all
day 11 A.M. on chalking port side Cabin house and
altering wheel house took 2y labourer boat for
repairs W by S up to 5 P. M. then W by S as we
have a southerly current Lat 18-26 Long 112-30 W

Bound to "Santa Rosa" or Clarion Island 1887
 Tuesday February 22^d

Light-breezy air through night and day W/2 Under
 all sail Emp in painting sails & banners black &
 muzzly repairing Larboard boat which was finished by
 4 P.M. Evening wind freshening from & fueled light
 sails throughout day cloudy. Clarion Island 70 miles
 Lat 15-17 N Long 163.31 West

Wednesday February 23^d

Light baffling air from N.W. & cloudy throughout
 5 P.M. yesterday hauled up W/2 H. 12 Midnight took down
 light sails and hauled up course - daylight Clarion
 Island bore W/2 25 miles at 3 P.M. - up to West
 end of Island put out port quarter boat and lowered
 5 boats for Humpbacks chased until dark then
 hauled on wind to Eastward to try another day
 Saw several Cows & Calves Rated Chronometer
 Rate to day 59.31 Slow and gains or loses 5/10 sec daily

Thursday Feb 24th

Light-breezy air & cloudy through the night
 worked to windward of the Island and at
 daylight bore W/2 7.30 A.M. lowered 5 boats
 and sent them in at dark they returned
 having seen 2 cows & calves and a few single
 whales dauting twice at whales under water to
 no purpose Many Albicore, Porpoises, Mullet &
 Gurnets & Man of war Hawks or Sargate bird 7 P.M.
 bore West under all sail Rated Chronometer again

Bound to Honolulu P. I. 1887 -
 Friday February 26th

Strong North wind throughout West under all sail
 Emp In various duties: find new mizen mast &
 setting which will oblige us to set up the rigging again
 made a new tub for the cutting fall which we unwound
 took line out of the boats. Evening fresh SE wind & clear
 finished all aft sail Lat 18.32 Long 117.40 West

Saturday Feb 26th XX

Moderate SE Trade Wind and clear under all
 drawing sail W. 12 M W 1/2 South Emp In painting
 davits black repairing the harbour boat myself
 Carpenter at work upon the pilot-house and so ^{as} show
as this conception of the terms admit!!!

Lat. 19.04 N Long 118.45 West

Sunday Feb 27th

Light winds SE and clear under all drawing sail W 1/2 S
 general observance of the day - total absence of bird & fish life

Lat 19.10 N Long 120.43 West

Monday Feb 28th

Light SE Trades clear weather under all drawing sail
 W 1/2 S Emp In setting up mizen rigging the mast-
 bring new has settled into its heel check and slacken
 up the rigging took In waist boat for repair & I have
 been at work at her myself all day the Carpenter
 still at work upon the Pilot house doors. dark set
 the foretopgallant sail. we stand Masthead on the
 yard during the day as we have not top gallant
Countries! Lat Mendian 19-17 N. W. Long

Bound to Honolulu At S 1887—
 Tuesday March 1st

Light N.E. trades, clear weather, under all drawing sail W. by E. Emp. In various duties myself at work upon the Waist-boat. Carpenter at work "whelping" the windlass. No observations too busy!!

Wednesday March 2^d

Light N.E. Trades, clear, under all drawing sail W. by E. Took in Bow boat for repair. put out waist-boat painted Larboard boat ~~saw~~ Humpback Cow & calf

Lat 19.23 Long 126.26 W-

Thursday March 3^d

Moderate N.E. trades, clear pleasant weather, under all drawing sail W. by E. Emp. In rattrig Muzzin Rigger painting boats etc, Carpenter at work upon windlass and myself upon the bow boat— No observations saw Humpback & a Dolphin

Friday March 4th

Fresh N.E. trades, and clear weather, W. by E. under all drawing sail finished Bow boat and put her out painted, Waist & Larboard boats Carpenter at work on the windlass, saw Flying fish & 2 Hawaiian birds

Lat-19.16 N Long 129.40 West

Saturday March 5th

Fresh Trade wind, cloudy W. by S. Emp. In painting Bow boat and washing ship—inside Carpenter has finished the windlass, at last

Lat 19.34 Long 132.04 West

Bound to Honolulu C. I. 1887
 Sunday March 6th

Fresh S.E. wind cloudy with sprinkling rain &
 Antennas under all sail W. T. Hawaiian birds
 only noticed, general obscurity of the day

Lat 19.32 or Long 134.19 W.

Monday March 7th

Fresh E. S. E. wind cloudy threatening rains W. T. under
 all drawing sail. took in starboard boat for repairs
 painted bow boat inside, rove new Foretop and braces
 and in top gallant sheets. Flying fish & Remora birds seen
 No observations —

Tuesday March 8th

Fresh S. E. wind cloudy W. T. under all drawing sail
 commenced painting ship inside aft came on a
 shower stopped painting 10 A. M. clear continued
 painting and finished poop by 5 P. M. Finished
 starboard boat myself carpenter making boxes for the
 Havenside guns have only lumber to make 2 maybe
 3 before this aft. Lat 20.13 or Long 138.36 W.

Wednesday March 9th

a heavy shower of rain and light baffling air last night
 from 9 to 12 M. N. then baffling S. E. air. This rain was
 for benefit of the paint inside, as it usually brings
 rain before we finished put out starboard boat
 and painted her took in T. B. boat for repairs
 very warm all day and light East air bright sunshine
 but rain showers around the horizon W. T.

Lat 20.20 or Long 139.34 W.

Bound to Honolulu Ct. I. 1887-

Thursday March 10th

Light-variable fair winds, calm, cloudy and fine rain showers. W. by S. $\frac{1}{2}$ S. Under all drawing sail Emp in caulking waterways on port side, which are very open took, cutting out of S. B. boat - In a most dilapidated condition caught a large Dolphin with line. - No observations -

Friday March 11th

Light-variable air, calm and fine rain, in showers @ sunset Emp in caulking waterway & deck. myself at work upon the boat on deck which is in a very condition. Saw a "Mollymoke" Blackfish and Hawaiian Birds

Lat. 20-20-N Long 141-06 West

Saturday March 12-

Light-air, variable, with rain, showers occasionally under main royal W. by S. $\frac{1}{2}$ S. Afternoon clear painted Starboard boat - Inside and port side ship - Inside myself at work upon the boat on deck which requires a deal of work to put her in shape for whaling.

No observations, too cloudy -

Sunday March 13th

Modestly trade, variable, with fine rain showers and cloudy weather under all drawing sail W. by S. $\frac{1}{2}$ South. A general observance of the day Hawaiian birds only seen. Noticed that the ship's bottom is very foul with clams & small barnacles that have completely covered the copper paint on her bottom.

Lat 19.30 Long 145-28 West

Bound to Honolulu A. I. 1887-
Monday March 14th

Fresh N.E. trades, clear W. & under all drawing sail. Emp in painting ship Inside & pure & fine etc
Myself @ work upon the boat on deck which is in
bad condition had to lead the center board all
around & tomorrow I have to repair the ceiling
My Carpenter is so slow that I prefer to do it and have
done with it @ once. Evening squally

Lat 19.26 N Long 147.39 West-
Tuesday March 15th

Fresh S.E. trades, squally W. & under all drawing sail
caught a Dolphin by trail lines at 3 P.M. finished the
S. Boat and put her out. This has been the most
difficult boat repairing I have done for years
Evening clear pleasant weather fine mod trades

Lat 19.21 Long 149-40 W.

Wednesday March 16th

Fresh S.E. trades, clear beautiful day W. & under all
drawing sail Emp in painting Starboard side of ship Inside
and S. Boat caught 2 "Gnathypops" last night by trail lines

Lat 19.44 N Long 152-11 W.

Thursday March 17th

Rain and squally weather all night with variable
trades W. & throughout the day clear finished the
S. Boat Inside saw many flying fish at 4 P.M.
banded up W. & just before dark saw S.E. point of
Hawaii N. N. W. some 30 miles true W. & S. P. & S. point
South of the Island covered with clouds & squally

Lat 19-05 N Long 154-13 W

Off Hawaii bound to Honolulu Oct. 1887-

Friday March 18th

Moderate trades all night with rain & squalls. At 4 AM under all sail daylight off Kahana plantation 6 miles, 12 m rounded (Kalaee Point) South point & lost trades variable light air all afternoon with rain from 4 to 6 PM dark 12 miles off shore abreast Keavau wind light S.E. saw smoke from volcano this AM emp in stowing bread & flour aft and preparing casks for fresh water a sail hoisted

Saturday March 19th

Variable winds, baffling airs, short swell and warm weather, clear, but land almost wholly obscured with clouds current seems to set us E.W. nothing stirring except Hawaiian birds. Thunder storms to south of us a dark and lightening in cliff quarters land some 20 miles distant

Lat-19-12 N Long 156-20 West

Sunday March 20th

Light S.E. air and calm throughout night day light S.E. air clear only W under all sail land obscured by clouds think chronometer 10 miles too far East-

Lat-19-15 N Long 156-25 West

Monday March 21

Light-buffing airs calm & clear west coast Hawaii 20 miles saw Dolphin. Tunny-thunk & porpoises. emp changing old for new sail

Lat-19-20 N Long 156-18 West-

Tuesday March 22^d

Buffing winds and calm up to 1 P then took fresh trades & reduced to courses jib spanker & topsails & W 1/2 N for Honolulu lost spanker & Int gallantines Rem. strong trades to P.M.

Off Honolulu A.D. 1887-
 Wednesday March 23rd

Light trade and clear daylight "Coco Head" of
 Honolulu 20 miles W.H.W. arrived off the tower
 and went on shore in Capt Sheppard's boat
 about 4 P.M.

Sunday March 27th

Came on board at 3 P.M. in water boat received
 about 4900 gallons water previous day discharge
 W.C. Roberts and shipped coconuts. Reported his steved
 wind light and baffling working to S.W. clear
 pleasant weather a Russian man of war
 and several small craft in sight dark
 calm stowed 2 casks oil in aft hold 26. 258 tons 574 gals

Monday March 28th

Light air and calm throughout clear hot weather
 working off to the westward Diamond Head 20 miles
 W.C. served out clothing to the men dark light trade
 W under all sail North End Honolulu 8 by W 30 miles
 Fitted a new binnacle top to the compass that I bought on
 shore and now we have the windmills in the
 wheel house and shall finish at tomorrow Sat 21-1887

Tuesday March 29th

Baffling air, calm & clear weather. Bent new foremast
 and repaired old one & put in casks dark to W end of "Cabin"
 W.C. 12 miles saw a small steamer bound to "Kauai"
 Rated Anemometer 39-50 flow log 158-23 Lat 21-24 N

Off Kauai Bound to Kure Ocean At. L. 1887-

Wednesday March 30th -

Light & breezy, smooth sea clear weather daylight both
"Oahu" & "Kauai" In sight - steering NW under all driving sail
Emp in repairing gaff topsail and painting inside wheelhouse
& I M. Wooty and "Kauai" At. L. 25 miles Lat 22.35 N Long 159.07

Thursday March 31st

Light & breezy winds clear warm weather all sail & W emp in
repairing sails munt-foretop sail (upper) and bent old one
Carpenter Making dead lights Lat 23.35 N Long 159.46 W -

Friday March April 1st

Moderate NW wind and light rain showers through the
night day southerly wind partial cloudy - Sailed several
large birds, ship at 8 A.M. Emp in repairing sails bent
best upper topsail at the main flying fish & W birds seen only

Lat 24.33 N Long 160.23 West -

Saturday April 2^d

Through the night mod SE wind & W. all sail forenoon wind & W
mod with rain. took in 3 forward boats for softy afternoon clear
wind light SE & W. heading SE No observations -

Sunday April 3^d

Light baffling southerly winds cloudy on off tacks through the
night day light - winds from SE to S & S under all sail on
wind to the westward San Dolphin Lat 26.25 N Long 161.36 W -

Monday April 4th

Light northerly winds clear under all sail from NW to
& NW & W emp in fitting rigging etc, carpenter has been
all day fitting cleats for dead lights that I could do in 2 hours!!!

Lat 27.00 N Long 162.35

Bound to the Arctic Ocean A.D. 1887.

Tuesday April 5th

Light Northerly and baffling winds calm smooth sea fine rain showers etc. Many Hawaiian birds noticed repaired mainsail & bent & cleaned off boomacle & grass from outside of ship by scraping. Bottom very foul took in dingy for repairs no observations - cloudy.

Wednesday April 6th

Baffling air calm cloudy clear and fine rain all sail set when we can. Emp in repairing the dingy and fitting rudder chains Lat 27 58 N

Thursday April 7th

Baffling light air fine rain shower through the night through day light - S wind clear & Pm wind mod N.E. Emp in repairing Fore staysail & Dingy cover & drifts Lat 28.42 N Long 164.29 W

Friday April 8th

Moderately S wind clear throughout under all sail S.W. Emp in repairing & painting Dingy repaired fore staysail Lat 31.30 N Long 165.08 West

Saturday April 9th

Moderately S wind cloudy throughout the night day rainy showers afternoon continual and wind S.W. Moderately smooth sea & W by S under all sail dark squally wind S.W. heading N.E. all light sails set No obs

Sunday April 10th

Fresh wind around by North to E. then South and back to N.W. by 10 a.m. rain falling previous. then clear all light sails furlled heading N by E & S.W. 33.20 164 50 W

In a calm In Latitude 33-27 & Long 164-22 W.
Monday April 11th

At-dusk last night fresh & W wind cloudy heading & 8 gts
furlled upper topsails. 3 a m calm high & W swell
through the day calm clear & high swell from & W. Emp &
Making Crooked-In Masthead Hawaiian Birds & a shark
dark light & E wind Lat- 33-27 & Long 164-22 West-

Tuesday April 12th

Onset E & wind cloudy & W by W under main royal
Afternoon foggy wind increasing furlled the O. G. sail
Took all material out of the 2 gunter boats to have them
ready to turn up No obs -

Wednesday April 13th

Fresh E. wind squally with rain under lower topsails
and foresail & H. W. during night wind well out to the W
and by daylight had veered back again 9 a m. Blowing
fast furlled foretop sail set storm sails 10 a m taking
much water over lee rail hove to heading West 10.30
wind veering to West and blowing hard wore ship and
hove to on starboard tack 11 a m clearing off den out
Barometer rising from 29.50. 4 P m wind moderating &
sea subsiding wore ship to & H. W. set all storm sail
Many floating clusters of sea clams around and
immense birds water working through. Out to the
Oiling wet everything on starboard side forcing me to
take up carpets that were saturated. 6 P m clear
between squalls of rain Then 62 Bar 29.950
Throughout Night moderating between squalls of wind
& rain

On a head wind bound to Oshing Sea 1887
 Thursday April 14th

A subsiding West gale clear with high North swell
 Increasing sail gradually until 4 P.M. had all set but
 top gallants & joff top sail heading from N.W. to S.W. E.
 wind slowly veering around by N and sea riding with
 the swell - temp in shortening up things since the
 blow fitting Crowned etc - Jan 30.380 Ther 52 Fahr
 Lat 37.20 N Long 164.40 W

Friday April 15th

Wind died out to a calm during the night - short swell
 daylight cloudy with a squall in the P.M. all through
 the day clear and light baffling air. 4 P.M. a light S.E.
 wind under all sail S.W. W. Carpenter still at work on
 the Crowned - have been caulking outside the hull
 on starboard side, where the water came in found it
 very open. Many clusters of Sea Terns noticed Birds etc
 Jan 30.450 Ther 52 Fahr Lat 37.41 N -

Saturday April 16th

Light S.E. wind, throughout the night with fine rain in
 squalls S.W. & W under all sail. throughout the day
 moderate wind from S.W. Many gulls and *Diomedea*
 or "Portuguese Men of War" some distances many acres as
 closely clustered as possible. Innumerable small ones
 Carpenter has at last finished the Crowned and we
 have put the frame aloft Lat 39.00 Long 164.23 W
 5 P.M. saw several Finback whales Jan 30.200 Ther 56.

On a calm On Latitude 40° North Pacific 1887
 Sunday April 17th

Light S.W. wind, all night daylight veered into the West & by
 11 A.M. was out - S.W. when it died out to a calm
 clear pleasant - beautiful day Bar 30.300 Ther 50. Fahr
 Lat $40-11$ N Long $164-03$ West

Monday April 18th

Light S.E. wind cloudy weather under all drawing sail
 & W. by N. E. wind in falling. Crowded. Mergul fitting forward
 Cubing stowage. Afternoon wind increasing with rain
 6 P.M. fresh breeze rain bore & W. reduced to topsails
 & resail saw many Finbacks. Saw seals & Hawaiian
 birds. passed the last of this "Portuguese Men of War"
 (that have recently been so plentiful) about 10 A.M.
 Bar 29.900 Ther 56 Fahr Lat $41-07$ N Long $164-03$ West

Tuesday April 19th

Strong S.E. gale with rain by dusk last night had reduced
 to lower topsails steering S.W. 12 Midnight moderating
 and wind veering to South. Increasing sail gradually
 4 A.M. S.W. wind moderate with rain squall all
 sail set - 7 A.M. bore & W. by N. forenoon squally
 with fine rain & fog reduced to courses & topsails
 saw many Hawaiian birds a few Crowbills or Dovekeys
 a whale boat's rudder and Right whale birds -

Bar 29.600 Ther 50 Lat $43-22$ Long $166-00$ West

Wednesday April 20th

Heavy S.W. wind with rain up to 4 A.M. then calm & confused sea
 7 A.M. fresh S.E. gale with rain reduced to foresail & lower topsails on wind
 to W. by N. by W. - saw several Dovekeys Bar 29.820 Ther 45 Lat $44-46$ N Long -

On a head wind On North Pacific Ocean 1887
 Thursday April 21st

All through the night a subsiding N-E. gale veering gradually into the N by 7 A M it was N.E.W. and so continued throughout the day which has been cloudy throughout sun obscure under topsail & canvas heading from W by N to W by N. 5 P M wind very light. Emp in paying the seams of the poop deck with pitch and covering the top of the galley with canvas. as both leak some. I have felted the cabin stove & pipe to day and its all ready now for a fire. Snow squalls during the night. An Albatross & Hawaiian Birds only noticed no obs Jan 30. 300 Thru 40 Sahr

Friday April 22nd

9 o'clock last night wind heading ship off to S W more to the N.E. gradually subsiding breeze until 3 A M calm and remained so throughout the forenoon cloudy throughout water very dark blue color. All Hawaiian Birds have vanished and all the "Portuguese men of war" Emp in getting better clothes in the rigging Carpenter at work on the forecabin stove Jan 30. 320 Thru 42 afternoon light S.E. wind steering N.W. by N Lat 46. Long 168. 16 W

Saturday April 23rd

A light S.E. wind cloudy through the night Forenoon wind freshening some, sun out @ intervals afternoon fresh breeze with rain in puffs under main boom N.W. by N. One Hawaiian Bird & 2 gulls seen Lat from 46. 34 Long 8 A M 168. 38 W
 Gun pulling 30. on Thru Sahr 42

Bound to Gibraltar Sea ChD 1887-

Sunday April 24th

Moderate S.E. wind veering to the Fall through the night with fog and constant fine rain throughout. At 4 1/2 p.m. under topsail & foresail up to 6 a.m. when wind had veered to the W.S.W. moderating and by 7 a.m. it was nearly calm fog and fine rain increased sail to be royal. by 10 a.m. it commenced breezing up again & this afternoon hauled back to South foremast reduced to topsails & foresail. At 3 p.m. wind veering back to the W. again Jan 29. 420 Then 46 Fahr Lat by projection 48-40 N at 5 p.m. blowing fresh fueled foremast Long 169-50 W. Set topsail and set storm sails. At 7 p.m. wind out W.S.W. and slewing off heading to Bar rising 29-400

Monday April 25th

A fresh West-gale with snow & hail squalls under lower main topsail and storm sail heading from N.W. by N. to N by E on wind. during the day moderating some and veering aft again towards N.W. set lower foretopsail & courses & M.P.M. topsail steering N.W. Set Lat Log @ 12 m Jan 29. 340. Then 41 Fahr Lat 49-22 N Long 168-59 W.

Tuesday April 26th

Strong N.W. wind with snow and hail squalls under lower topsails foresail & storm sails at 4 a.m. wind veering more to West and blowing hard in squalls heading from N by W to N by E & heavy squalls clear between Jan 29. 500 Then 38- Fahr Lat 51-06 Long 158-32 west @ 3-30 P.M. Topsail Log 88-

Off the Fox Islands On a head wind 1887-
Wednesday 27th April

Strong west gale with snow squalls through the night heading on the wind by W under lower topsail and stormy sails. and making by observations a N.E. course Forenoon moderating and wind veering to the SW and southerly snow squalls @ intervals Increased sail courses jib & spanker & whole main topsail. Saw Finback, whales and Cow Bull ducks or Dookies afternoon part of time heading West Thermometer having ~~fallen~~ to 30 at 12 m by 4 Pm had fallen to 29-800 and wind increasing with squalls furled jib & spanker and W m topsail nearest land 30 miles S W Lat 52 02 Long 168 13 W

Thursday 28th April

9 o'clock last night - were ship to S by W and under lower topsails and courses at 2 a m back again to W daylight. Saw "Omnak" Island S W by S 30 miles. 10 30 a m were to the S by W west point of the island 3 points off weather bow land measured 10 miles dist. 1. 30 Pm were back again wind veering to S letting us up to W by N. fresh & moderate breeze throughout forenoon snow and hail squalls making and taking in sail as required. 3 Pm found we could not weather the long low westerly point of the island were to S.E. This point is the most dangerous one I have seen among all these islands extending out to the W 15 miles from the high land and not over 6 to 10 feet above sea level and shoal water extends 8 miles beyond it. Apr 29. 800 Then 34 Mon 38 we Lat 52.37 Long 168.47 (correct by land)
saw Finbacks and Dookies

Off the 3 Mountain Passage to Gehring's Sea 1887-
 Friday April 29

Stood to the S.E. until 9 P.M. yesterday then wore to N by E
 11.30 P.M. wind veered around to N by W but ship heavily
 & wore to the Westward until 6 A.M. when we backed
 to N by W wind baffling with snow and hail squall
 Forenoon clear wind N by W dead ahead 3 & 4 mountain
 & Lagoon Islands all in sight at times, at times
 blowing heavy at others moderate, making and taking
 in sail in accordance afternoon wind N.W. with
 heavy hail squalls steering to the North & Westward
 "Gumnaika" N by W "Amughtay" Island N by E
 15 miles @ 7 P.M. saw five seals & five bucks detached
 pieces of kelp Lat-52-08 N. Long 170-40 West

Saturday April 30th

Stood to the South last night until 12 Midnight then
 wore to the North heading N by E to N by W on one tack,
 and N by E to N by W on the other 5 A.M. wore one of the
 4 mountain islands bore N.W. snow and hail squalls
 throughout with much wind at times making and
 taking in sail as required 12 M had all set by but
 in Royal & P.M. reduced to lower topsails & storm
 sails stood in to the east of the North & in salmon
 within 12 miles attempting to pass through but it
 came on to blow so hard with thick snow
 squalls that I dare not risk it with this ship
 as she ~~must~~ stay and is lay in wearing from a
 foul bottom & P.M. heading N by E West of 4th Island
 N.W. 1/2 mile rated chronometer 1-01-34 slow

Off the Fox Islands On a head wind Oct 5/1887-
 Sunday May 21st

A hard NW gale all night with furious snow & hail
 squalls steady to southerly until 12 M then under lower
 main topsail and stormy sail forenoon moderating
 standing on diff tacks afternoon nearly calm no
 snow but cloudy 4 P M a light North East wind
 Under all sail on wind west. All the Islands
 except "Sequim" in sight "Jommarka" NW 23 miles
 the rate for chronometer yesterday does not agree
 with my position but the old rate does

Lat 52.17 Long 170.17 Jan 29 1888
 Then 32 later

Monday May 22nd

A light southerly wind from 7 last night veering steady to the E
 steering West under all sail the west end of Jommarka NW
 by compass 30 miles. through the night making about 4 knots
 per hour with wind gradually veering & beginning until 4 AM
 It was East with rain & thick weather obscuring all
 objects 6 AM bore N.W.W. 7 NW by W and 8 NW the thermometer
 then indicating the Island on east side of 172 fathoms
 to bear N by 10 AM we were under lower topsails &
 foresail wind a gale East with snow and rain
 Afternoon more moderating set upper foresail & in
 P.M. staysail steering NW 2 P.M. clearing up some
 and wind veering to southerly & fresh by 5 P.M. bore
 strong up forced upper foresail wind NW raining
 land & a few birds only seen Jan 29 300 Then 60
 up to 5 P.M. Log stood @ 60 had made 62 miles since 6 AM

In Gehring's Sea On a head wind 1884
 Tuesday May 3rd

A subsiding N.E. wind with rain up to 4 a m then
 wind cut to W under topsails on wind N.E. 4 P m
 wore ship to S.E. afternoon snow squalls @ sunset
 saw a Finback whale Lat 53.36 N Long 173-20 West
 3 men on sick list - Jan 30. Then 40 Fahr

Wednesday May 4th
 Fresh S.W. wind cloudy with snow and hail squalls
 throughout except afternoon 7 P m nearly calm on
 wind heading from S.E. & to S.W. In P.m. & Jih
 set all day wind in puff lulling & sent - no obs
 Jan 30-280. Then 30 to 50 7 P m 83 -
 Thursday May 5th

Moderate S.W. wind & cloudy up to 12 m. It then veered into S.E. for
 S.W. under all sail and made about 10 miles then veered into the S.W. again
 clear & pleasant throughout heading N.E. under all sail Jan 30-120 Then 40
 put up Crows nest - Lat 54.29 N Long 171.37 West

Friday May 6th

Moderate & fresh S.W. wind with snow squalls up to 9 P m
 yesterday then fresh S.E. winds reduced to lower topsails &
 courses S.W. through the day wind variable from the S.W. to
 heading from S.W. to S.E. & a few common gulls only seen
 Jan 30-420 Then 30. Lat 55.15 N Long 171.58 W.

Saturday May 7th

Calm all night - 5 a m a light S.W. wind all sail S.W. 10 a m
 N.E. steering S.W. by S. Afternoon fresh breeze and cloudy under
 M.V.G. sail & Jih saw a Finback whale & a Fin seal camp in putting
 a leaky skylight Jan 29. 500. Then 34 Lat 56.02 N Long 172 West
 Log 4 P m 50 -

Up to the Pack Ice In Behring's Sea A. D. 1887.

Sunday May 8th

Moderate N.E. wind to N.W. under all sail @ 2 a.m. came up with the ice and the 2^d mate put her into it. like a common sense level head rigger and I had to get her out of it. fortunately the wind was moderate although considerable swell and heavy ice but by 3 a.m. we were out in clear water and stood W. by S. 3 or 4 miles when it died out calm & cloudy over with 4 fish lines and caught 28 fine codfish. 10 P.M. light E. wind cloudy. Gun has fallen to 30-100 lbs. 34
Lat 56.44 N Long 172.30 W

Monday May 9th

Winds gradually increasing from the S.E. through the night with rain by 12 M.W. reducing sails in accordance. 2 a.m. had lower topsails bag set laid aback wind trending to the E. by S. heading S.E. 6 a.m. furlled fore topsail all day hove to under stormy sails heading S.E. numerous starlings and gulls. Right whale birds - no other
Gun 4 P.M. 29 5.50 Ther 38 Fahr

Tuesday May 10th

At 8.30 last night wore ship to S.W. gale moderating with snow squalls and veering around by E to the North. daylight set fore and aft sail and lower fore topsail by 12 M. heading West on wind squalls less frequent 4 P.M. heading S.W. wind still veering saw 2 backs south carrying m.t. sail and heading in to ice. 5 P.M. wore ship to S.E.
Gun 29-5.50 Ther 34-Fahr Lat 56.40 N Long 176-25 West
By Sumner's method -

In Gehring's Sea working to the North at L. 1887-
 Wednesday May 11th

Fresh breeze all night - heading N by W on wind forenoon
 squalls of snow and hail Moderating Increased sail to
 topsails & courses Afternoon, wind about N. E. W. Steering
 N W by E - ran out @ Internal Jar 29.600. Then 32 Sails
 Many common gulls, Dockies, a finback & a shoal of porpoises
 Lat- 57.20 N Long 175-07 W.

Thursday May 12th

Fresh breeze from N. E. W. Steering N W by E @ 1 a m came up to
 Back Ice wore to S. E. and reduced sail made two tacks to the
 westward, then wind died out to almost a calm put out
the boats, and made all sail wind gradually veering
 around by S until it was N E light with snow steering
 along the edge of the Ice pack to the S. W. Ice seems very
 heavy. Saw a small Finback, and numerous variety of
 gulls. water a dark green color. Conf. Ice breaking out
 the Stubborns hooking ch. corks to make room etc
 Jar 29.700 Then 40 Sails Lat- ^{at} noon 58.11 ^{at} 4 P. M. 58.04
 Long 175.41 30. West.

Friday May 13th

at 5 P. M. yesterday a fine snow falling rendering distant objects
 obscure hauled up first W and then N W to make the Ice
 (steering just before S. W. along what we thought the Ice pack 2 miles
 distant) and ran under topsails until 11 P. M. before we saw
 it - then wore ship and laid aback. Morning snow falling
 and wind had backed into N again blowing fresh. reduced to lower
 M. S. sail and storm sails and ran along the Ice to S. E. from 9 a m to
 2 P. M. when bore to S. E. thick weather heading E. S. E. Jar 29.600. Then 28 Sails
 Lat- & Long both, same as before 58-15 N 175-30 W

Working to ~~the~~ West towards Cape Moverin A. I. 1887
 Saturday May 14th

Fresh north wind with fog and snow most of time, aback under
 lower topsails stood to the west into scattering strips of
 light ice came in thick fog wore to the East aback 2 Pm
 clearing us some can to the W. around strips of ice & hauld
 up on wind west under fore & aft sails 6 Pm thick snow
 again. Many common gulls seen Enp in fitting
 boats running spare piece of old lead into bass

Jan 29-570 Thru 34 Fahr Lat 57 45 Long 177.40 W

Sunday May 15th

7 Pm yesterday came up with considerable broken ice in strips
 on the wind heading W wore to the East and laid aback thick
 fog and snow up to 5 Am set topsails & M. & Y sail and stood to the
 W. & W. on wind which was moderating North passed through
 several narrow strips of broken ice heading N by W to W by N
 soon nearly calm thick fog 1 Pm cleared up some could
 see strips of ice to the N W & E but clear water to the W 4 Pm nearly
 calm heading W by N compass failed all fore & aft sails set
 saw "Salpeter Bottom" whales Killers and common gulls
 strips of ice as far as we can see to the E No sun today

Jan 29.700 Thru 36 Fahr

Monday May 16th

Light-breezy air, cloudy fog and fine snow all night up to 8 am
 then it cleared up some and wind died out to nearly
 a calm heading to westward throughout. Enp in fitting
 guns in the boat. Saw Killers and one strip of ice
 6 Pm light wind N. & E. heading N by E on wind, clear

Jan 30.000 Thru 34 Fahr Lat 57 00 Long 179-19 W
 8 Pm saw the smoke of a steamer to the N. & E.

Working to the N. W. towards Cape Navarin N. I. 1887

Tuesday May 17th

A light N.E. wind variable throughout with cloudy weather under all sail heading from N.W. by N. to N. Employed in clearing up flubberroom threw 7 water & dry casks put threws in forehold. Started H. Gamell of the Trade Park. In 1 cask marked sails put foresail lower topsail & Royal. In 1 cask put 3 coils whale line (last voyage) 1 cutting full coil gun (old) 1 piece old gun and a spare upper topsail - In a cask marked Lead & bags flour & a lot of Bread (last voyage) cask old & rusty and on port side off flubberroom. Prizes of Cabbage. Molasses & 1 of Paint oil in flubberroom. 1 cask staps. 1 do Trades & 1 saw dust in flubberroom. also 3 oil casks 2 water & 7 dry casks 1 has had cabbage from Finbacks. Killars & a flock of geese. Many gulls stays etc No sign of Ice but I think I saw smoke of a steamer to the N.E. this forenoon very smooth sea indicating Ice to windward Jan 30. 100 then 34 fathoms judge we have made 100 miles N.W. call the Lat 59.20 North and the Longitude 179-30 East

Wednesday May 18th

Moderate N.E. wind cloudy with an occasional fine snow squall under all sail on the wind from N.W. by N. to N.W. In clear water with a long N.W. swell 10 a.m. came up with scattering Ice and saw considerable close Ice to windward hauled up courses & furlled main royal. passed through it into clear water and then made sail again 6 P.M. wind freshening heading N.W. by N. furlled gaff top sail & M. G. layed. Employed myself in filling boat & line hooks saw a whale breach this morning Jan 29. 900 then 25 call the Lat 60.45 Long 177-08 East

Amidly detached floes of broken Ice In strips & 1887
 Thursday May 19th -

At 7-30 last night came up to Ice In heavy strips
 were ship to the Eastward saw a ship which I think is the
 "J. H. Hamilton" of San Francisco stood to the Eastward until
 3 a m when came up to Pack Ice were to & W and laid aback
 through the day working to the windward amid much
 floating strips of light Ice that & saved a perf seal wind
 freshening reduced to lower topsail and jib saw the ship
 run off to the Westward June 29-700 Thu 28 Feb Ice run out
 bright this forenoon observations gave us Lat 59.57 & Long 177.27 East

Friday May 20th

Laying aback under lower topsails & storm sail close to Pack Ice
 wind fresh from N.E. with snow squalls. Through the day
 working to windward amid detached pieces of floating Ice
 light and heavy. Forenoon fresh wind. Afternoon more mod
 all fore & aft sail set heading E by T. fog squalls @ intervals
 and no Ice in sight - can see perhaps 4 miles smooth sea
 indicates Ice to windward. Many gulls of different species
 seen and numerous "Right" whale birds constantly seen
 June 29-700 Thu 28 Feb Lat 59.47 No Long

Saturday May 21st

Moderately N.E. wind, snow squalls working in to the S.E. under all
 sail in clear water between strips of Ice long and narrow light
 and drifting to the South East - 7 a m picked up a dead walrus
that I think had been killed by a bear 11 a m saw 2 barks coming
 from the East - I think "May" & "Susan" & "Ohio" afternoon & day cloudy light
 air S.E. beat our spars to gallant sail forward & ripped up the old one
 saw killers & a few seals many gulls June 29-620 Thu 34. Lat 59.57 & No Long

Take the "Pack Ice" and Steer to N. N. E. A. D. 1887
 Sunday May 22nd

At 7 P.M. last night - calm with light-fall of snow - On clear water between 2 strips of Ice East & West of us and the Pack to the North made out the 2 barges mentioned yesterday to be the "J. A. Howland" and the "Hamboul" 3 A.M. light-south-wind bore N. N. E. under all sail and in co with the above mentioned run through strips of light-ice and open leads until 8 P.M. when we came up to close packed heavy ice all sail out trying to push our way through, cloudy with air full of snow all day saw numerous "Pop seal" shot 5 many gulls around Jan 29-08 Then 34. No observations judge we have come 20 to 25 miles today to the N. N. E.

Many Dookies seen, and numerous Right-whale bids this morning -
 Monday May 23rd

On pack ice under all sail trying to work to the E but making little headway wind moderately veering around by E to N snow squalls. all 3 of us within a mile of each other @ 12 M. the "J. A. Howland" struck a lead this morning and ran out of sight to the N. W. and during the forenoon the "Hamboul" did also. This afternoon quite clear nothing in sight but ice & seals of which we have shot and saved a number. wind freshening and making about a N. N. W. drift reduced sail to lower topsails and some fore & aft sail. Ice opening at times lets us into a lead of a mile or so to the N. W. and then we come to close ice again, sometimes we strike quite hard but we cannot avoid it as hard as we may. I think we have made perhaps 10 miles today but the other 2 struck a lead of some length and when I reached it the wind came about
 Bar 29.900 Ther 32 Fahr

On loose "Rock Ice" working to the Northward 1882
 Tuesday May 24th

Through the night drifting to the westward in close sea
 then in leads working to NW wind fresh to E @ 12 M in
 calm and so continued up to 10 A M when a light
 southerly air. Made all sail to N. E. See small light well
 broken and opening out fast. Emp in fitting the new
spare boat. Shot and saved 2 seals many gulls seen
 cloudy all day no sun out but smooth and pleasant

Jan 30 - Thu 32 Fahr -
 Wednesday May 25th

At 8 P.M. last night a light air from the south west under all
 sail and just moving amid small light ice wide scattered
 at 12 M in came into a large space of clear water and the
 wind came out light to beating to North until 10 A M then
 calm. Saw "Killers" a Finback whale and a Bowhead Carcass
 quite old 12 M in a light southerly air amid heavy piece of
 scattering ice steering N.E. when we saw land in sight to W
Emp in fitting spare boat overhead Jan 29-890 Thu 34

Lat 61-28 N Long 177-09 East

Thursday May 26th

Light N.E. wind and air throughout running to N.E. through
 strips of heavy ice into leads of clear water 12 M in came
 in thick fog reduced sail at times on a peak of very heavy
 ice 8 A M came into clear water here E. N. E. saw
 land to the N. N. E. saw Grampuses and many gulls
 whose discordant ~~and~~ cries as they pick up pieces of seal
 meat thrown overboard by the ward are sonorous at times
 4 P.M. saw a bark to N.W. Lat 61-33 N Long 179-14 East

Speak first-Whaleships and pass Capes Navarin & Thadden 1884
 Friday May 27th

at 8 P M yesterday spoke Brig "Humboldt" Kerman L.A.
 20 sperm reports having stove his ship but repaired her
 since we saw her on 23rd Inst. also reports the "Northern"
 Light having taken a whale here last month. run through
 scattering pieces of heavy ice close and open and all
 day have been working through heavy ice in leads of
 open water @ 1 P M Cape Thadden bore West 13 miles
 at 3 P M saw the Brig "Hidalgo" to the N. working through
 the ice to the Eastward. Ice throughout has been heavy &
 quite open wind moderate S.W. working with scant
 sail at times, all cleared up Jan 29. 920 Ther 32 Fah

Saturday May 28th

Light S.E. wind, gloomy with snow steering to the N.E.
 through strips of very heavy ice into leads of clear water
 that seem to open about as fast as we go with sails
 clewed up striking ice very hard at times, which we
 cannot avoid at 12 M nearly calm set to psail
 at 3 P M calm forenoon light N.E. air made all
 sail found we could make no progress in fact
 were losing ground so made fast to the largest
 piece of ice we could find and furled all sail
 cloudy gloomy weather up to 5 P M when it cleared
 up to N.W. so we could see the Brig and 2 other
 sail to the N.W. myself employed in fitting the
 new boat for the Haverside gun no seal seen on the
 ice but several flocks of the Musical Ducks a few
 "Powhead" birds and one accompanied the gulls. No obs
 Ben 30.00 Ther 34.50

Of the ice before Thadden the following are the names

Speak the Brig "Hidalgo" and hear of the Whalers 1887
 Sunday May 29th

Calm up to 3 a m then a light S.E. air, cast off from the ice &
 make all sail windily clearing out make fast to another cake
 12 m a light S.E. wind cast off and made all sail to the ice
 13 sail in sight 4 P m speak Brig "Hidalgo" Capt Lewis
 Williams who reports the fleet as follows "Jargon Lancer"
 1 whale "J.A. Howland" 1 do "Wanderer" 1 do "Mars" 1 do
 "Founding Gillow" 2 "Sea Greys" 2 "Schiff" 1 "Hamilton" 2
 "Jargon" "Andrew Hicks" 3 "Hunting" 3 "Korthorn Light" 4
 and Steamers "Orca" 1 up to 22nd Inst. evening a
 mod S.E. wind laying aback amid scattering ice
 30-500 Bar - Lat 63-22 N Long 178-31.06 West
 Ther 34 Fahr - Monday May 30th

Moderate S.E. wind throughout with occasional fog & light
 fall of snow 8 a m tied up to a piece of ice not large
 enough to hold her drifted down to another & made fast
 to that also "Hidalgo" close by fast to the ice which is
 quite open here and to the eastward, but to S.E. & below
 6 sail seen this afternoon beating up from the ice
 Emp. In shifting fresh water & filling ground tier
 with salt. put out new boat which I fumbled today
 put Larboard boat on Bow boat's crane and put Bow
 Boat overhead and old tub fit only to trade to keel
 evening wind subsiding saw 2 seal a number of
 "Bowhead" birds and numerous gulls who will
 soon leave as our seals are about all eaten
 Phyllis dog having fits continually was obliged to kick
 and throw overboard gratings to prevent his biting the ice

On the Ice with most of the Whaleships, In sight - 1887
 Tuesday May 31st

A moderately East wind with gloomy weather, and snow-
 fast to 2 cakes of Ice 7 A in cast off made sail and
 worked to the North through leads of open water, amid
 the Ice until 4 P M when the ship becoming unmanageable
 made fast again and furled sail have worked about
 18 miles to the North today 16 sail in sight to the Westward
 Jan 30.300 Then 34 Lat 64-10th Long 178-05 West

Wednesday June 1st

A clear pleasant day with a light N.W. wind, 17 sail in
 sight and all tied up to the Ice in diff directions we and
 the "Abraham Farkes" are about as near the pack at the head
 of a lead that makes into the North as we can get Capt
 Tob on board during the forenoon. Employed in painting
 Port gunnery boat (new) spoke Andrew Hicks Capt Adams
 3 whales. Saw 2 Walrus and numerous Diver Ducks
 a few gulls and 1 seal Jan 30.300 Then 34 Lat 64-19th
 Long 167-57 West

Thursday June 2

A light N.E. wind cloudy with rain, tied up to 2 pieces
 of Ice and through the night have drifted some 7 or 8 miles
 to S.E. 17 sail in sight and all tied up in diff directions

Friday June 3rd

Thursday continued
 Moderately N.W. wind cloudy tied up to 2 pieces of Ice and drifting
 along to S.E. 17 sail in sight all fast to Ice a boat from the
 "Young Phoenix" this morning reports her clean afternoon
 wind N.E. rain @ intervals.

Lat 64-16th Jan 30.100 Then 38 Lat

Cape Aglen In sight. Ship stove by the Ice Oct 1887
Friday June 3rd

A moderating East wind cloudy with rain trees up the
Ice drifting to the SW 12 mi spoke Bunker "Hunter"
Capt Egan saw the "Abraham Lincoln" & "Andrew Dick"
beating to the windward east off and commenced
beating to windward under full sail partly
mainsail the ship at times remaining
among the ice at 5 PM concluded to stop for
the night made fast fished seals and found
the was stove and making water about the
stern set colors and commenced breaking out
"Eliza" "Hunter" & "Young Phoenix" came down call
to render assistance and tied up close by
Cape Aglen to place the ship in sight started all water
forward and put everything off we could get
had tapers by the stern quite at feet but still the
damaged part is below water the filling on the
stern has been started more than a week & I
think we have started the wood and dressing
clean but fresh North wind at work breaking
everything out and fore hold filled & Cask of fresh
water on the poop to tip her and all down
work is in the cockpit in a most uncomfortable
position for a gun Lat 46-16 North

In the Ice pack by a hard North gale drifting 1887
 Saturday June 4th

Flowing a hard North gale with rain ship tipped by the
 stern all we dare at present probably 4 ft decks and roof
 piled high with casks of water, shooks, wood etc cockpit full
 of all the heaviest material we have on board and with one
 pump we keep her free by spells of 10 minutes we drifted
 close by the "Young Phoenix" into a large extent of ice during the
 forenoon and since have laid perfectly still. The "Eliya" and
 "Hemley" seem to hold on much better than we do they seemingly
 are fast to the pack. towards 12 M it ceased raining but the wind
 is as fresh as ever. This is the first time in all the seasons ¹⁵ I
 have been here. that the ice has ever done me any injury. but
 this vessel is soft as touchwood. afternoon flowing hard with
 hail from N.E took guys from Foretop and made fast to a
 second piece of ice. we are now pumping every 25 minutes
 10 with one pump Apr 29-900 Thm 34 Fahr

Sunday June 5th

Flowing a heavy gale from N.E with snow. ship walking off
 to the South. During the two pieces of ice we are fast to through
 lead of open water and part masses of floating ice cakes
 slowly but surely all the time. The "Young Phoenix" within a
 quarter of a mile keeps us company. but the "Eliya" & "Hemley" are
 out of sight through the gloom. at 2 P M moderating & clearing
 off snow ceased falling. The two mentioned ships are N 4 1/2
 miles and 3 others about same distance to the Westward
 Capt Millard came on board at 4 left at 6 P M
 ship drifting very little and we pump with 1 pump 10 minutes
 every hour Apr 29-850 Rising Thm 28 Fahr No observations

Fast to 2 cakes of Ice repairing the Storey Low-
Monday June 6th

A subsiding N.E. gale clear weather @ 4 A.M. commenced
pumping out ground tier forward and filling casks aft
to tip the ship & sail in sight the "Elya" and "Hunter"
made sail and worked in to the N.E. out of sight
the "Young Phoenix" close by at 8 A.M. set colors for her &
Capt. Willard came on board bringing his 2 carpenters
who with our carpenter went to work on the stern by
stringing 4 casks aft outside of the ship we managed
to tip her so the upper part of the filling on the beam
that was carried away was about 6 inches above water
we found the oakum in the wood ends of the plank
on the Starboard side was gone and the stern was much
shattered being of soft wood "Oregon pine". and had
no protection since the filling was lost by clearing away
the cement Inside we found that side the water came
in with 2 inch planks tanned blankets & canvas we
and putting 3 pieces of plank outside of each other
and spiking it on. by putting a piece into the stern
and covering with lead and copper we stopped
it effectually as far as sight & hearing was concerned
by 11 P.M. we had finished and commenced
righting the ship up. but the spikes seemed to drive
very easy into the plank as though the wood was mowed
and it will not do to let ice touch her if we can
help it but it was hard work as we could not
get at it properly having to work under water. paid
Each man \$20 and sent them on board

Tied up to the Ice and trimming ship
Tuesday June 7th

Clear pleasant weather and light S.E. wind
at work all day trimming ship at 4 P.M. finished
6 P.M. pumped her out took just 20 minutes
with 1 pump. "Young Phoenix" got under weigh
at 4 A.M. working to the S.E. 2 other sail only in sight
at 6 P.M. one sail in sight only current setting West
Lat 63-57 Long 178-47 West

Wednesday June 8th

Cloudy weather and light East wind from midnight tied
up to the Ice at 6 A.M. tried the pump for 10 minutes to
free her. at 9 A.M. Ice drifting by gave us a chance to
cut off current setting to the North. Made sail & ran
to S.W. into a lead of clear water then west until 130 P.M.
when we could steer S.E. amid light & heavy pieces of
scattered Ice and every sail set. Except S.E. sail at 7
P.M. came in fog reduced to jib & spritsail & topsails
very many Diver ducks seen this morning flying S.W.
Jan 30.300 Ther 28 Lat 63.55. No Long.

Thursday June 9th

Heaving through scattering Ice under topsail & jib to
the S.E. up to 3 A.M. when came up to close Ice land about
to the S. weather fog with light S.E. wind at 7 A.M.
tied up to 2 of the largest cakes we could find & made
sails. Dense fog all day at times rain wind light
to the S. drifting by fish line to the S.E. gently 1 knot
per hour. Gulls only seen today Jan 30.200 Ther
Moon 28 Moon 40. No observations Sun out in horizon
from 10 minutes night & morning only

Out to the Ice In a dense fog. A. D. 1887
 Friday June 10th

Light S and S.E. wind a dense dry fog all sail furled fast
 to two pieces of Ice and drifting slowly to the North

Jan 30. 200 The ~~man~~ ~~for~~ ~~the~~ ~~Ice~~ No observations

Saturday June 11th

Calm light-buffling air & thick fog all day tied up to the Ice

Imperfect-hunger Lat 64.36 to Jan 30. 100 Thru to S.

Sunday June 12th

Light East wind fog all night up to 10 am when it cleared up and
 wind veered around to North 11 a m cast off and made sail to the
 Eastward, afternoon wind veered around to W by light saw clear
 water 3 miles W by W wind a light air clear ahead tied up to
 Ice again and furled sail land to S S W by W Jan 30. 100

Lat 64.42 N Long 178-27 West.

Monday June 13th

Jeffling light North by winds and clear land from S S W by E
 In sight 11 a m cast off and worked to the Eastward until 5
 Pm then tied up again could not work ship clear
 water from S W to East nearest 2 miles evening strong S E
 wind drifting to the S with current Ice packed close
 near clear water

Tuesday June 14th

Fresh S E wind cloudy tied up to 2 cakes of Ice at 10 a m
 cast off wind S by W mod and ran to the S. E. E. within 1/2
 mile of clear water wind out S E again left her up
 to the peak cannot go further Level to S S E in
 sight

On "Clear water" bound to the Eastward N. D. 1887
 Wednesday June 13th

Wind moderately and @ 3 A.M. veered out to N.W. cast off
 Made sail and by aid of lines capstern & sail passed
 into clear water by 12 M. Made all sail E of N land from
 N.W. E. S. E. evening wind dying out - no observations but
 Cape Behring E of N 40 to 50 miles in sight -

Thursday June 16th

Moderately N.W. wind throughout night steering E under all
 sail 7 A.M. Cape Behring N.W. 12 miles wind veered to
 West 2 canoes from Cape Agassiz rept - no whales seen
 along the coast @ 5 P.M. off "John Howland Bay" saw
 a "Bowhead whale" and after 2 others going along
 land course to the Eastward lowered 4 boats & chased
 until 10 P.M. recalled boats and anchored off "East-
 Head" "Hoon Bay" in 11 fms @ 11 P.M. boats being
 N.E. @ 11 P.M. saw 2 whales close in to East Head going
 quickly to the Eastward lowered 2 boats to no effect -

Shipped 2 natives for the cruise Jimmie Macfarlane & Ekaine

Friday June 17th

Fresh West wind thick fog from 1 A.M. Enp in trading
 with the natives sold 5 box Tobacco from Honolulu 2 pkgs
 leaf tobacco. 1 Winchester Rifle 3 box reloading tools 2 doz
 knives. 700 M & F cartridges. 300 50.95 M & F 2 pieces white
 drill 27 bags Flour. 300 lbs bread 12 pkgs mutchies 4 Hatituts
 2 Axes. 1 Saw 1 Mechanical toy. 1 Bomb Loner
 1 doz Trimbles. 1 doz Thread - 1 doz paper needles. 5 lbs Beads
 for 237 White Fox. 10 Red - 1 White Beem 1 Brown do 92 lbs
 Sugar & 100 lbs whalebone. 10 per native Boots 2 skin shirts

Leave "Procyon" for Indian Point N.S. 1887
 Saturday June 18th

Light baffling air calm and clear weather, no whales seen today
 Saw a few Walrus off shore, at 1.30 P.M. took anchor and made
 sail for "Indian Point" 10 P.M. off "Marcus Bay" 2 boats
 left seeing 2 whales yesterday going quick East. Strong East
 current no wind ship drifting -

Sunday June 19th

Light baffling air, calm, clear weather, off the point canoes
 off left 9 ships left last night 1 only in sight to Eastward
 @ 11 a.m. saw a Bowhead whale going quick North calm
 lowered one boat 12 m saw another lowered 4 boats
 and chased until 4 P.M. no wind whales speed greatest
 took up boats bore to for St. Lawrence Bay 5 P.M. small
 Island W 15 miles St. Lawrence Island in sight & 1 sail

Monday June 20th

Light southerly wind clear pleasant weather, under all sail
 & saw a whale @ 9 P.M. some 6 miles distant breach
 & saw "Killer" around at 3 P.M. off south head of
 St. Lawrence Bay saw 3 ships at anchor under North
 Head at 7 P.M. off North head a sail with 4 or 5 boiling
 5 in all in sight hauled up 4 or 5 for "Diomedes" in
 sight by sight this afternoon summers 10 miles West
 at 10 P.M. 14 sail in sight one a steamer and all to the N. & W. by 5

Tuesday June 21st

2 a.m. came in thick fog wind mod S Diomedes 4 or 6 10 miles
 hauled up on wind E. S. E. 10 a.m. saw Sundry Rocks E 2 miles
 were to N.E. M. set courses back "Ocean" only in sight 5 P.M. saw East
 Cape & N. & S. & South Head St. Lawrence Bay to heading S by W fog lifted & the sun again

Ran down to St Lawrence Bay and stood to S.E. 5th 1887
 Monday June 27th

A fresh southerly gale withy whelps off land and much scattering ice
 5 miles for Cape East tried to beat up to anchor but at 7 a.m.
 bore South in hopes to see a whale 3 P.M. off South Head
 St Lawrence Bay native report seeing no whales hauler off shore
 on wind ~~all sail~~ all sail land only in sight at 7 P.M.
 hauled off wind to S.E. 2 sail in sight to the North

Tuesday June 28th

At 2 a.m. calm and clear barometer slowly falling 29.900
 at 10 a.m. a light southerly wind bore for East Cape made
 sail 3 P.M. wind freshening with fog hauled up to night
 for "Chiming" came in thick, saw ice @ 5 P.M. some about
 off shore fog lifted, saw only scattering ice clear in towards
 the land stood in shore and at 20 minutes to 6 P.M.
 came to an anchor in 11 fathoms about midway between
 the 2 Capes South of "Chiming" furled sails & laid with 30
 fathoms chain clear sunshine here smooth & cool S.E. wind
 off shore a dense bank of fog from North head St Lawrence
 Bay to "Immatown" to the west of this bank clear & pleasant
 a strong wind off shore

Wednesday June 29th

Fresh S.E. wind clear weather looking off shore a dense fog bank
 3 miles distant pieces of heavy ice coming from the S
 forced us to pay out more chain by 12 all ice put both &
 canoe from "Chiming" repts seeing a whale on Monday
 a boat from the "Lancey" reft "Beluga" & "Lucretia" having each
 taken 2 whales recently in light south of East Cape 7 P.M.
 "Lancey" anchored off the watering place

Seam light-between "Mountain" & "Cheyenne" A.D. 1887—

Thursday June 30th—

Fresh southerly south east wind with fog off shore "Lancer" getting loose
afternoon showed signs of clearing up. 5:30 Pm took anchor
with light NW wind 2 miles off shore calm East Cape & Dornelles in
sight fog lifting "Lancer" left also

Friday July 1st

Calm and light baffling air all night—clear working up
towards Cape East 7 A m saw 2 Steamers @ anchor in the
bay—End of Cape sent in 3 boats to look for whales 4 Pm
came in fog recalled them 5 cleared up sent in 2 more
saw no whales. 1 whale seen by Steamer this morning
baffling strong current ship will not tack or wear
Lancer anchored—short swell low barometer

Saturday 2nd July

on diff-tacks, southerly of East Cape and close in all night
baffling winds and strong current 8 A m tried to tow off
current set us close in within 3 lengths of the high land
anchored in 16 fms considerable swell after afternoon
swell subsiding heeled off into 22 fms and anchored
with 1/4 mile of high land "Newhal" steamer came in
saw "Ripsack" whale evening calm

Sunday 3rd July

Light-baffling air, clear and calm, morning calm & rain Ice
coming down upon us were obliged to take anchor stand
off shore and back and anchor in 25 fms north of the
high land of East Cape saw the natives, Hiker & some whales
"May & Susan" & "Prinder" came in and anchored "Hampus"
sailed for Port Clarence 3 boats off all day no luck—

At anchor on south side of "East Cape" N. I. 1887

Monday July 4th

Calm & baffling airs at anchor in 25 fms close to high land sent 4 boats off Cape for a "Ripsack" (thought St. Bowhead) 2 Pm hove up anchor and after trying 3 hours to get an opening anchored again in 30 fms. May & Larion went south. J.A. Howland came last night Instead of "Princeton"

Tuesday 5th July

Calm baffling winds dry fog "Lauretia" & "Korwhal" left for Port Clarence 5 a m Made two attempts to weigh anchor and at 10 a m with a light East wind took anchor and stood off. 3 on wind under all sail "Larion" & J.A. Howland both sailed for Arctic light East airs all day fog land to westward at times in sight. Point Barrow N 15 miles at 6 Pm

Wednesday 6th July

Calm light-baffling airs thick fog all night heading to the Southward. 8 a m Mod NW wind thick fog bore S.E. 10.30 saw "Dionides" & 2 miles passed "Stamboul" steering for "St. Lawrence Bay" 3 Pm spoke "Founding Fellow" bound to Arctic 5 Pm cleared up Fairing Rock to 5 miles East Cape Dionides & Cape Prince of Wales in sight a sail to North steering E by T with a light West wind for Port "Clarence" 10 Pm off "Cape York"

Thursday 7th July

Calm light West air and clear all sail E strong current at 1 Pm anchored in 6 fms water 30 fms from the end of the sandspit shot on land to S.E. 7 steamers 2 boats & 1 boat here "Jack Pearl" from San Fran 52 days with coal etc arrived afternoon fresh & NW wind clear preparing to make ship known

At Anchor In Port Clarence, East side, Behning Strait 1887
 Friday 8th July

Light-southerly wind clear weather at 8-30 a m commenced
 to smoke ship @ 2 P m took hatches off found 9 dead Rats
 4 P m took anchor and ran over to watering place
 7-30 anchored. In 5 1/4 fms "frumpus" steamer here only

Saturday 9th July

Buffling light-winds fog cloudy @ anchor @ watering place
 took off about 130 bbls. sent in casks and filled them too
 much surf to take them off. Evening wind South-another
 vessel @ the Sandspit - ~~the~~ I call it the W T R m I "Pear"

Sunday 10th July

A fresh S.E. wind cloudy thick fog in Straits too much surf to
 take off raft of 15 casks full on the beach saw all the vessels at
 the Sandspit - with ensigns half mast - several sailed - frumpus
 left for Sandspit. 3- P m blowing fresh dropped Starboard anchor

Monday 11th July

@ Munster out to day and not a whale taken!! Strong S.E. gale
 rain heavy swell on beach. hove up Starboard anchor last night
 moderating towards evening fog prevailing -

Tuesday 12th July

Foggy fog & subsiding winds from S to W. swell going down
 took off raft 16 casks. and at 8 P m sent in 10 casks "Sambel"
 came from Sandspit got water and returned -

Wednesday 13th July

Southerly East wind fresh with much rain & fog till
 4 forenoon afternoon moderating no rain light West
 wind took off raft 10 casks & 20 bbls water taken here 300
 on board - 4 sail only @ Sandspit -

Anchor of the high low land adjoining East of Cape York for Wood-
 Thursday 14th July

Calm. Fog. cloudy 10 a m a light west wind took anchor and
 made all sail current too strong could not handle ship
 so anchored again some 4 miles south of watering place 3 Pm
 a mod southerly wind took anchor and made sail for the Sandspit
 thick fog and rain 6 Pm anchored 2 miles from the Spit 3 seals
 only being here now. sent a boat to land 4 natives and to put a
 letter from myself on board the "Pearl" calm and rain all night

Friday 15th July

Calm up to 6 a m with much rain then light west wind took
 anchor and when some ²⁰ miles off shore where the high low
 land joins it died out to a calm anchored at 7 Pm sent a boat for
 firewood 4 Pm ²⁰ miles off shore with wind clear fresh sails - the
 "Pearl" Hamhal & Gumpus only @ the Sandspit some 8 miles off.

Saturday 16th July

During the night continued wooding until we had sufficient of boat loads
 4 a m mod SW wind took anchor and made all sail to the NW
 throughout day calm and light baffling winds imp'de storing
 away wood several canoes came 1 from Kotzebue some 4
 from "Kings Island". Evening light SE wind Cape "Prince of Wales"
 @ 7 Pm 20 miles

Sunday 17th July

Light southerly wind clear rounded Cape "Prince of Wales" low land
 about 12 m and bore light W under all sail 3 a m bore of 8
 7 a m 20 miles North of the Cape "Diomedes" & East Cape in
 sight & the "Hamhal" cloudy & light winds all day 7 Pm
 foggy 6 Pm bore W

5.40 Pm Lat 66.40 N Long 167-54 West

Off Pointe Hope "On a thick fog South wind 1887
Monday 18th July

Moderately South wind fog and rain continuously & under all sail! I M saw land 3 miles ahead to the East of Cape Thompson bore W by S. 6 P M could just see ahead on the low land & then it came in dense fog. I M judge we were off the extreme point & P M rounded 23 fms rounded about under topsails heading N. W. - from 5 A M to time of seeing the land steered S by E

Tuesday 19th July

Wind South wind fog and rain all night - at 10 A. M. bore E. by E. for Cape Sabine 8 A M spoke the "Jenny Phoenix" a whale 12 M came to anchor off the coal mine @ Cape Beaufort. "Selvader" "Larkin" "Grampus" "Ohio" & "The Rope" all here. ~~No potatoes~~ sent by the "Rope" and all mail matter for this ship ~~was~~ put on board the "Helen Mae" yesterday by Capt Fisher when she sailed for Herald Shoals

Wednesday 20th July

Light air & calm with rain through the night - forenoon clear shipped per "The Rope" 1 cask 309 Whales for 2 Bear skins & 1 piece - 10 A M took anchor & stood to N W with mod S E wind - "The Rope" sailed for S. S. "Selvader" & "Ohio" both stood out with no evening calm much rain. Saw photo fish 6 P M 21 miles off shore

Bound West from the Coal Mine @ Cape Sabine 1857

Thursday 21st July

Light-southerly winds cloudy at times fog & by 11 AM under
all sail 10 AM hauled up 11 AM. 4 PM passed the
"May & Loran" 6 PM tacked to the Eastward up to 12
running 10 AM spoke back "Ohio" (Capt Allen
standing to the Eastward heading E by N

Lat-70-15-20 Long 166-49 West

Friday 22nd July

Fresh southerly winds cloudy on diff tacks, to and from the
Ice which seems to make to the S.W. "Ohio" In co afternoon
more moderate & clear under 10 AM. No obs-
Somekind of a whale was seen to spout 4 times in mid water

Saturday 23rd July

Fresh southerly winds cloudy on diff tacks, 5 AM were to the E. & E
Ice 4 miles. 9 AM bore East 10 AM saw 4 sail coming to
the West 1 PM tacked to the West & set main, Royal afternoon
windy increasing reduced to jib & topsails heading S.W.
the "Ocean" & "Northern Light" close by. Lat 70 N Long 166-10 W

Sunday 24th July

Fresh southerly wind heading to S.W. all night 7 AM in ice 3 miles or
and ahead were ship to the Eastward spoke back "Ocean" rec'd
old mail 6 AM. saw 7 sail through the day standing to the
East-sometimes main royal out sounding 7 AM 24 fms
Strong southerly current- Lat 70-11 N Long 167-02 W

Monday 25th July

Standing to the Eastward under short sail all night wind fresh &
with fog 3 PM anchored in 11 fms 8 miles west Point Log Jimmy Ross's
& "Wanduey" here 5 AM anchored to the N Lat 69-43 N

Leave "Point-Leg" for the Coal mine, and arrive there, 1887
Tuesday 26th July

Light southerly wind clear @ anchor in 11 fathoms water 1/4 sail on sight - spoke Bark "Sea Grey" 3 P.M. light S.W. wind took anchor & made all sail for the Coal mine -

Wednesday 27th

Calm & light baffling air working southerly, anchored twice to stem north current - 1/4 sail seen 6 at anchor off Point-Leg
Afternoon light-blast wind clear steering S.E. along land repaired upper & lower main topsails north wind light throughout Thursday 28th

Calm from 2 a.m. baffling winds thunder & small short choppy sea and strong S. current passed "Hunter" at anchor 20 miles north Coal mine and at 7 P.M. came to an anchor in 7 fathoms ship unmanageable in current - no wind Coal mine some 15 miles to 7 P.M. 9 P.M. land breeze took anchor heaving S.W. under all sail

Friday 29th

Fresh S.E. wind ^{thunder & lightning} at 3 a.m. anchored off Coal mine in 7 fathoms ^{all sail forenoon} fresh S.E. wind afternoon moderate S.W. 4 boats off coal water watch 10 P.M. ^{light breeze} fresh about 5 tons

Saturday 30th

Moderate West wind and clear calked a seam in the stem and @ 6 a.m. took anchor and stood to 8 a.m. boarded U.S. R.M.S. "Gen" from Cape Horn with 1 survivor of the wrecked "Napoleon" on board - Doctor came & pronounced my two sick men scrofula 11 a.m. fresh N.E. wind rain beating North under reduced sail

Ground Hoisting to the Ice Pack Oct. 1. 1887-

Sunday 31st July

Fresh N.E. wind fog cloudy weather working in to 88 miles all available sail. No observations strong current-

Monday 1st August

Strong N.E. wind cloudy with fog heading on wind 88 miles all available sail 12 m tacked (or rather wore for the will not tack) to the E.S.E. 7 a m wore back heading N.W. under topsail & jib evening moderating made all sail found by observations (Stromer) we have a strong St. Lawrence 7 P.M. clear Lat 69-55 N Long 168-00 West

Tuesday 2nd August

Fresh N.E. wind with fog lifting and settling down cloudy weather 9 P.M. yesterday tacked off from the Ice to the E.S.E. 4 a m tacked off again wind E.S.E. thick fog heading S.E. reduced to topsail & courses afternoon moderating and clearing up some wind light N.E. all sail heading E.S.E. sounded in 25 fathoms a strong westerly current- Lat noon 70-36 North -

Wednesday 3rd August

Moderate N.E. wind thick fog strong current all sail to 8 on Port tack Afternoon cloudy no fog wind N heading E by N

Lat 70-03 N Long 167-37 West

Thursday 4th August

Moderate Northerly wind and fog overcast damp weather under all sail on wind E by N strong current 2 P.M. fog lifted saw the high land north of Point Barrow when it joins the low S.E. 15 miles some time before clearing up 7 1/4 fms at 5:30 P.M. tacked to N.W. in 6 fms 2 miles from the land Point Lat N.E. 8 miles Lat noon 69-31 N

Off Point-Lay "working towards Point-Barrow" A.D. 1887
Friday August-5th

Light N.E. air, clear under all sail on diff tacks, along the land to the N.E. 12 M wind, west bore to N.W. land 10 miles sounding 10 fms 5 A M came in thick fog. dense all forenoon afternoon lifting 6 P M into our point-Lay & 5 miles steering N patches of heavy ground ice surbur much disclosed many seals, saw 1 hooded seal several canoes off with Deer meat & also bought about 600 lbs -

Saturday August-6th

Light N.E. air, calms and clear 10 miles South of Ice Cape within 5 miles of the land some few pieces of scattering ice off shore Canoes off with Deer meat. 3 A M U.S.R.M.S. "Fear" came from the North bound to San Fran reports whaling fleet @ Point-Franklin Afternoon saw 2 sail to the N.E. and a steamer's smoke on diff tacks Ice Cape 6 P.M. - E.N.E. 8 miles Lat-70-18 or Long 162-19 West -

Sunday August-7th

Light-air, calms overcast weather, and rain showers from all points of compass. Many Walrus and seals and several "Pipsacks" seen. 2 sail in the Mirags, seen once to the Eastward; land not far but fog and gloom obscures it. a low barometer, and falling, 29.60 from 30.20 fluctuating; no observations -

Monday August-8th

Light-N.W. air cloudy weather with rain 7 A M off Wainwright Inlet "saw 6 vessel at anchor to the N 11 A M boarded the "Helen May" received Mail Matter ex "Thomas Pope" & Fear also a man to examine and repair the whaling gun named Howard A Carr sent by Capt May evening light westerly winds and thick fog on diff tacks under easy sail saw 16 sail at anchor during the day -

At Anchor between Old Cape & Point Franklin 1887
 Tuesday August 9th

Light S.W. winds, thick fog at anchor on diff tacks, 3 A.M.
 Anchored in 12 fms water. Through the day boffling wind
 fog rain etc 5 P.M. fresh S.E. wind with rain fresh
 Sails gave 35 fms chain some swell fresh & cement
 Mr Carr filling shells for the whaling guns -

Wednesday August 10th

A fresh South wind fresh of last night with rain
 a strong N.E. current and short swell with our
 anchor down (Part) we lay with 45 fms chain in 12 fms
 water without dragging some 4 miles off shore ahead the site
 of the wrecked George & Susan. 5 vessels seen at anchor
 all got underweighs forenoon saw two both 15 miles
 drifting rapidly North and the above mentioned vessel on
 all in sight beating to the South but make slow progress
 Afternoon wind subsiding with snow from N.W. and sea
 going down burned Cabin by Lucki forward and substituted a
native boy from "Walrus" named "Gronksie"

Thursday Wednesday August 11th

Fresh S.W. wind subsiding cloudy weather light snow squalls
 at anchor with 45 chain cable fathoms Ice pack off shore
 going along land to 100 miles 3 knots 7 A.M. a point came
 down upon us forcing us to take anchor and beat to the S.
 under all sail 6 sail in sight all working to the S.
 at 3-30 P.M. wind dying out came to an anchor in 10
 fathoms 3 miles from shore Wainwright Inlet E.K.E. 4 ship
 at anchor and 2 coming in three under all sail
 Barometery 30.00 Fahr -

Beating up towards Point Franklin between land & Ice
Friday Sunday August 12th

At 11.30 a.m. a light East air, overcast weather, took anchor & stood to S.W. all but 1 of the fleet in sight - beating up at 6.30 P.M. were ship to the E.S.E. wind light E.S.E. all through the night - beating up

Saturday Sunday August 13th
Fresh S.E. winds cloudy weather, fog and rain beating up under all sail between land and ice on 2 hours tack & P.M. abreast "Sea Horse" Island ice some 4 miles off shore luffed to aback under topsails Pearl Bay full of ice and pack seems to make on the land about "Woody Inlet" - saw 14 sail all running to the South along the ice & Ben spoke Ben "Hector" Capt. Cozen reports 5 ships closed in to the north with the steamers who have all got whole recently kept off along the ice to the westward in company the 14 others heading S.W. under topsails weather thick & rainy -

Sunday August 14th

A strong N.E. wind with fog through the night - a pack on diff tacks between ice and land 13 sail in sight one "Hector" gone West - Forenoon clearing off and blowing a hard gale all of us carrying sail and beating up between ice and land at 5.30 P.M. in Pearl Bay north of "Sea Horse" Island S.E. 10 miles and "Woody Inlet" and adjacent land in sight - scattering ice around and pack some 15 miles off shore ranging S.W. & N. carrying up in topsail & jib & in P.M. sail can outwind the "Maas" & "Founding Bellow" all the others eleven discount us with ease. Many flocks of ducks bound South -
Lat 71-04 North -

Between land and Ice off Sea Horse Islands N.D. 1887
 Monday 13th August

A strong N.E. gale thick weather, with snow and rain through the forenoon & sail in sight - 11.30 a.m. were to the N.W. "Sea Horse Islands" S. by E. 6 to 8 miles sounding 12 fathoms 2 P.M. gaily, moderately made all sail to the N.W. & P.M. came in fog 5.30 were from the Ice pack bearing N and headed N.E. by S. hauled up courses - fog dense and wind moderate E. by E.

Tuesday 16th August -

Strong N.E. gale thick weather with fog and rain on cliffs, under all available sail & hove to between land and Ice 11 a.m. saw "Sea Horse" Islands S.W. 5 miles & sail in sight - Afternoon, moderating made all sail working to S.E.

Wednesday 17th August

Fresh to 8 wind cloudy weather beating up along the shore north of Woody Lanes a fleet in sight at anchor and under weigh to the north 6 a.m. anchored off the Duck station in 3 fms water all the fleet at the point but the "Orca" and "Flecting". "Gylga" boiling Bay Station S. 3 miles. Several steamers went around the point to the S. must drift ice and strong current afternoon fresh gale with rain ice rapidly drifting off shore current checked by wind saw the "Thrasher" with boats down north of the point. all steamers left but "Gylga" & "Loranthe" several sailing ships made an attempt and failed. No boats off to ships but many tied on the shore

At anchor off shooting station, Point-Barrow 18th August
 Thursday 18th August

daylight or rather, 3 a.m. calm, cloudy, all steamers in sight at anchor east of the point - through the day fresh & 8 wind fog lifting and shutting out all surrounding objects strong south current at times 2 knots. about all drift ice gone. Afternoon all but 7 of the fleet started, around the point - 7 P.M. fog lifting again saw 7 coming back - very many flocks of ducks constantly passing over us -

Friday 19th August

Light N.E. wind which gradually veered around to S with fog squalls at 4 a.m. took anchor worked up towards point came in fog anchored again. 3 P.M. cleared up took anchor ran around the point and came to an anchor in 5 fms but on point bearing S.W. 2 miles we are just clear of the end of the shoal north of the point some ice in detached pieces drifting to N.E. current about 2 knots. Capt. Millard of the "Young Phoenix" Allen of the "Ohio" and Gifford of the "Fleetwing" on board report that the "Orca" 14 whales "Orbach" 11. "Grandpas" 10 "Jeluga" 7 "Jelucum" 7 "Lucretia" 6. "Harwhal" 6. "Palana" 4 about 30 whales have been lost in the sea by the fleet & we have not seen a whale yet! well we sail so slow that we are always behind and I suppose do not deserve to catch one. Still I think we can catch one if we ever have a chance but its most discouraging to me to know that I am not smart enough to find them at all -

Leave Point-Barrow to go to the Westward, N.I. 1887.
Saturday August 20th

Light-variable, airy, cloudy weather @ times, fog @ anchor in 5 fms water, but on point N.W. 2 1/2 miles just off end of the shore 9 A.M. let "Flectwing" have a spare anchor sent off 2 boats to cruise. On took anchor and worked to the Eastward Lee makes on to the land some 8 miles from the point with a curve to the N.W. All the sailing fleet here 23 and at 4 P.M. saw the 8 Steamers to the E.N.E. some 5 or 6 miles. 6 P.M. kept off to run around the point to try the Western Lee Hunter, "Grounding Willow" Ohio "Helen Mae" & "Flectwing" do so the rest of the fleet at anchor along the Lee. at 4 P.M. ^{John} Kamai died of sciopula crumination has been ailing all the voyage and off duty since leaving the coast wind mod to E. cloudy weather 7 P.M. Steady N.W. along the coast - "Helen Mae" anchored off the point @ 9 P.M. - at times passed it

Sunday August 21st

Moderate to E wind cloudy Steady N.W. under all sail all the other vessels passed us through the night and were far ahead at 7 A.M. when we ^{passed} ~~passed~~ John Kamai's land just as yet to the East off "Refuge Inlet" 11 A.M. saw Lee peak rising to N.W. ran close to it when wind died out blowing light with fog a strong current setting on to it gun ashore work to clear at afternoon fog and at 5 P.M. nearly calm 6 P.M. light west wind thick fog heading South wind west saw a "Muckle Dugga" whale this forenoon 5 P.M. sounded 45 fms dark colored water 9 P.M. 29 fms 12 M. 17 fms

Anchor at "Sea Horse" Islands in fog & light West wind
Monday 22nd August

Light - westerly winds thick fog @ 2 a m heading Tunder all
sail downed in 12 fms and tacked to S.W. 7 a m clear
the pack ranging S.W. & E 5 miles dist. Sea Horse Island
S.W. 10 miles Made several tacks found we could not stem
the current came to an anchor in 6 fms outer hummock on the
Island off point Franklin S.W. 5 miles large Island S.W.
2 miles - repaired jib and main royal 6 P.m. light W
wind thick fog closed down to pinnal furled light sails a
1/2 knot current here East - Island & point from an eddy

Tuesday 23rd August

Light-buffing airs and thick fog throughout the night. 4.30 a m
light - & airs thick fog took anchor and bore West under topsails
making 6 1/2 fathoms to 7 a m when had 19 fms bore S.W. set fore sail
9 a m S.W. 11 a m N.W. fog lifting at times, 2 P.m. saw the ice
and all afternoon have run along it from W to S.W. & W. Saw 2
sail 1 east & 1 west of us several walrus seen in water &
Many Bowhead Birds feedicks etc large flocks of Eider Ducks
seen this forenoon round South - judge we are off "Sey Cape"
from distance run 8 P.m. luffed to aback S.W. & W.

Wednesday 24th August

Fresh S.W. wind dense fog aback on diff tacks under main
topsails and jib 9 a m fog lifted saw "Burgue" "Murs" &
"Prindey" ran off along the ice found it made both sails
bunched up and cleared it then kept off west - 7 P.m. came
in dense fog again luffed to aback heading S.W. & W. making
23. 24 & 25 fms dark colored watery Bowhead birds seen
Lat 71-24 Long 161-40 W

Along edge of the Pack North of "Ozy Cape" N. D. 1887

Thursday 25th August

Fresh N.E. wind all night on cliff tacks, atack sea 3/4 mile
H.R. m came in dense fog under topsails atack on cliff tacks
6 P.M. fog lifting some heading West under jib & topsails wind
Mod N.E.W. Made a myzen stayrail out of old S.T.M. stayrail
No obs soundings 25 fms

Friday 26th August

Atack all night on cliff tacks, N.E. wind, thick fog quite dark now
during this night - daylight clearing up and wind veering Mod to
N.E.W. Made sail to westward along edge of ice which ran
about N. true, or N.W. by compass, a close pack with ships in
points making off narrow to the South and ending in scattering
cakes of heavy ice. Several ships came up with & passed us by 6 P.M.
we were 10 miles astern of all. 8 ships in sight saw one with
boats down and at that time we came into a heavy head
swell off a point - where the ice seems to make a sort of heavy
thick Bowhead Brier and a few seal seen making & taking in sail
in the snow squalls all day at night reduced to topsails just
forenoon - 9 P.M. saw Lat 71-15 N Long 165-35 West -

This "Young Phoenix" took her 3^d whale - and I have not seen one
since I came into this Arctic. God grant me better success for my
excursions in this barren place of my heart -

Saturday 27th August

Strong N.W. wind high swell snow squalls working to windward
under reduced sail 12 sail & scattering ice seen saw 2 ships
lower for whales to no effect - towards night fluctuating
set double reefs & stayrails heading N.E. & W on cliff tacks
many Bowhead birds seen Lat 71-00 Long 164-19 W -

Along Edge of Pack On Long 165 St. L. 1886

Sunday 28th August

Light S.W. wind clear weather on diff tacks 12 sail in sight one boiling. 3 P.M. spoke Brig "Helen May" reports the "Abraham Fisher" having taken a whale @ the Point next day after ~~we~~ left. At 8 P.M. both of us lowered for Killis in mistake, wind light west heading S.W. with comes up. Lat 71-24 N. saw Walrus on the ice.

Monday 29th August

Clear S.W. wind cloudy early clear midday snow squalls @ night on diff tacks under full sail mammal feed of scattering ice and off from it heading W.N.W. & S.W. 8 A.M. reduced to topsails jib and spanker sun & sea this morn and to this afternoon but they all out sail us and at 6 P.M. there was none in sight - all beating to windward but we cannot see far many Bowhead birds seen Lat 70-30 & Long 166-36 W.

Tuesday 30th August

Clear S.W. wind snow squalls on diff tacks working to the Westward along ice. Many Bowhead bird & thick @ 6 P.M. spoke Brig "Eliza" Capt Kelley had been to 169 long and Lat 72.02 without seeing any whales 13 sail in sight duck flying about Lat 70-31 & to the

Wednesday 31st August

Moderate S.W. wind cloudy about all night daylight 10 sail in sight all standing to the Westward made sail to 108 on wind amid scattering ice pack in sight to north spoke "Princeton" & "Eliza" "Sea Breeze" has been to Herald Shoals reports ice heading to S.W. from there "making around in a light breeze. Afternoon light we saw Birds seals & feed thicks. No obs seen of seals

Working to the westward towards Herald Shoal ^a ["] Sept. 21st
 Thursday September 21st

Moderate N.E. wind cloudy with fog squalls and @ times heavy
 calm on cliff tacks under all sail working to the Eastward
 Sounded 20 fms water. Many Bowhead Birds seal & feed thick
 at 3 P.M. saw 4 sail coming from the Eastward spoke the
 "Maudslayi" with 3 whales in co with "William Galies" bark
 who reports the steamer @ the Point viz "Orca" 20 whales "Thrasher"
 14 - "Grampus" 10 - "Brucya" 8 - "Brucyus" 7 - "Lumina" & "Hawthorn"
 6 each - "Galana" 5 - and the "Lumina" with 3 - two seals at
 the point - during night logging aback in the

Friday Sept 22nd

Fresh N.E. winds with fog squalls 16 sail in sight at once
 under M.P.G. sail steering along sea to the Westward spoke
 "Humbolt" at 4 P.M. laid aback under topsails thick fog
 and off a point of sea at 4.30 cleared off ran off to the
 & in co with several ships along edge of sea
 tending to the S.W. at 7 P.M. saw Hunter beating back
 to the Eastward heaved to wind set foremast & sprit

Sat - 70-30 & Long 168-02 West

Saturday Sept 23rd

Commencing with a stiff N.E. wind cloudy but otherwise clear
 beating to windward under reefed main & lower foretopmast jib
 sprit & foresail 10 sail in sight evening moderating set
 M.P.M. L. sail N.E.W. on tacks N.E. other fleet rumpy E.S.W. No Ob.

Sunday Sept 24th

Fresh N.E. wind with fog and snow cloudy weather 10 & 1/2
 sail in sight under reef & foresail working up afternoon much
 snow half rain on cliff tacks nothing in sight -

Wandering about in a snow storm and fog Blizzard
Monday Sept 5th

Commencing and ending with a mod N.E. wind
 with snow rain and fog continuously all sail ex main
 sail heading S.E. W. & E alternately saw 1 sail southerly 26
 fths no ice seen today — 9 P.M. light - 11 am strong E. wind

Tuesday Sept 6th

Commenced with a calm cloudy dark lowering weather 16
 sail in sight 2 boiling southerly 27 fths no ice in sight — 4 P.M.
 21 sail in sight — saw "Lansen" cutting and "Sea Breeze" taking a whale several
 chasing. but we cannot see anything ourselves. Ice in sight and a
 light East wind. Many Bowhead bird sticks etc, Lat 71-15 Long 168-16 W

Wednesday Sept 7th

Bonnie with moderate N.E. winds thick fog and frost and
 continued up to 2 P.M. when it cleared off but still remained
 cloudy and overcast saw 21 sail 3 boiling have seen no one
 chasing whales but all are carrying sail beating to the Eastward
 Many feed sticks and Bowhead bird No ice

Thursday September 8th

Com with fresh N.E. winds and fine snow squalls under
 topsails foresail & jib on diff tacks beating to the windward
 W. from the ice. saw the "Lansen" "Sea Breeze" & a Howland boiling
 10 sail seen today. Lat 71-20 N Long 167-26 West

Friday September 9th

Fresh N.E. windy cloudy but otherwise clear — 11 sail in sight
 1 boiling under topsail & foresail on diff tacks beating to
 windward 5 vessels run off along the ice to the westward
 this morning and 8 of us are still beating to the windward
 along the ice which seems quite close Many birds & seals —

Working West again along the Ice Pack N. D. 1887—
 Saturday 10th September

Commencing with light North windy cloudy weather
 on diff tacks under moderate sail. daylight - up to Ice Pack &
 sail in sight - bore West and made all available sail 3 tacks
 in co. walrus. seal. & Birds in abundance. but a muffin steyne
 we manufactured out of a A.T.M. stage sail repaired in C.G. T. sail
 split last night - forenoon moderating fast cold then 25 Fahr
 & 9 M banded the young Phoenix 3 whales. night - aback diff tacks heavy Whales

Sunday 11th September

Commenced with light South wind fine snow squalls
 daylight - 3 sail in sight - a point of Ice 2 miles N saw 2 ships with
 boats down chasing whales going quick South. at 9 a.m. saw our first
whale in the Arctic going quick!!! came on a snow squall and
 lost run of him. Afternoon fresh breeze stood on a wind 7 M of
 to 3 P.M. then wore to the E.T.E. and reduced sail to topsails & mizzen
 frequent Lat 71 = 45 North Long 168 = 05 West young Phoenix & young Belton
 went on to the westward - 8 miles out - and not a whale. God help us!
 At 5 P.M. saw our going railway speed to the P.M. chased
 with 5 boats to no purpose. 7 sail in sight (a dusk and on
 the "Mrs Gulies" to the North I think has a whale alongside

Monday 12th Sept-

Common with fresh South wind thick cloudy weather with rain
 on diff tacks under reefed topsails & jib afternoon moderating
 to wind veering to the West & 9 M cleared of some bore
 S.E. and set present 5-30 P.M. dense fog light West air
 luffed to wind aback S.E. rounded in 27 fathoms
 gulls. seals & Greenland birds certainly - in obs-

Among Foxhead's lease a whale and a whaleboat-1887
 Tuesday 13th September



Came with light southerly wind thick fog (calm all night)
 8 a.m. cleared up some bore N.E. under topsails many
 birds & seal. 10 a.m. a dense fog again at 11 it cleared off
 bore N.E. under the royal 11.30 saw two and at 12 we saw
 whales going to the westward lowered 3 boats. Mr Gray 3^d mate
 struck with the gun whale ran away with him some 5-
 miles they stove the boat the Iron broke short off and the
 whale went into the pack wind blowing fresh from the N.
 got the boat alongside twice and finally lost her with all
 her gear was obliged to carry fore & the top gallant sails in
 a gale to beat off a lee shore 5 P.m. a dense fog making
 1 horn tucks 7 P.m. cleared up ice from lee beam to weather
 gusting E to N.E.W. wind gradually veering to west & moderating
 @ 8 P.m.

Lat 71° 32' 25" Long 169° 19' W

Wednesday 14th Sept Take 1st whale

Commencing with light baffling southerly west winds
 clear cold weather, everything froze stiff from yesterday's rain
 daylight saw 2 whales lowered 5 boats and chased to no effect
 12 P.m. saw more whales going quick to westward lowered 4 boats
 at 4.30 Mr Lane 4th mate shot a and struck a large "Foxhead"
 and saved him afternoon light baffling air calm stayed
 to tow whale to the ship got him alongside by 8 P.m. com-
 cutting at 10.30 P.m. and finished after 9 hours hard work
 smoothly all night but a steady snow storm. the "Mr Galie"
 fishing & chasing with us no ice seen whales numerous
 large & small going quick in all directions - well but
 many flakes -

Lat 71°

Among "Greenhead" Whales In 1887. Arctic Ocean

Thursday 15th September

Commenced with moderate West wind and snow squalls
finished cutting. having laid aback under topsails heading
to South all the time & cutting to windward cleared away the
head and wore to the N. See in sight 2 N. and the "Wm. Balis"
with boats down to windward at 3 P.M. saw whales going
quick N.W. towed one boat to no purpose. Afternoon clear &
strong breeze a sail to the East beating up. Under topsail
heading on wind N.W. preparing for boiling at 6 P.M. 4 sails
in sight - Lat $71^{\circ} 45'$ Long $166^{\circ} 40'$ W.

Friday 16th September -

Came with light westerly wind clear laying aback heading to
the N. emp. In boiling 2 a.m. spoke "Jack's" "Sinner"
As soon as it was light enough we saw whales and had
boats down until 3 P.M. when all the whales had gone out of
sight to the westward. Many whales seen but wild and going
quick in all directions but working West at P.M. calm slight
southerly air by 7 P.M. wind turned East just before darkness
3 whales going very slow to the West & turning. Fleets reduced
sail to topsails & jib and laid aback heading South.

Saturday 17th September -

Came with moderate East wind cloudy weather
but otherwise clear. on diff backs under jib
topsails emp. In boiling and ~~storing~~ down
3 sail in sight one cutting evening light full
of snow. quays of oil casks filled this day in
the aft hold starboard side. viz $185 - 45 - 238 - 80$
 $278 - 80 - 250 - 278 - 138 - 90 - 204$ 6 blks & 1 cask 204 gals

Cruising for "Bowheads" or Ice Whales In the Arctic, Et. D. 1887.
 Sunday 18th September

Commencing with a moderate East wind which veered around to S. S. W. by 8 A. M. with snow squalls saw whales twice during the forenoon to windward of ship and going to windward did not lower finished boiling last night @ 11.30 and have stowed to day port aft hold viz. 266
318. 146-146-100. 287-147. 28- Total with yesterday the yield of the whale was 3321 gallons or 105 barrels $2\frac{1}{2}$ gallons - saw the "Lancer" cutting and 2 other barks whaling. @ 5 P. M. up to Pack Ice ranging to 8 to 5 tucked to 8 and reduced to reefed topsails and jib weather clear cold stiff S. S. W. wind

Lat-estimated 72-04 Long 168-18 W.

Monday 19th September

Commenced with a fresh North North West wind clear but cold aback all night - heading to the Eastward at daylight - 3 A. M. saw Ice bearing North 2 miles and numerous "Bowhead" whales lowered 4 boats and Mr Carr in the masted boat shot & killed a large whale dead! cut him in 3 hours and set lower topsails on wind diff tucks - 9 sail in sight - 6 came from the East and I think they are all Steamers saw several chasing and a bark cutting opening blowing fresh from the North heading E. S. E. These whales seemed to have come out of the Ice in numbers probably owing to the "Cold Snap" we have had to day but I think are not moving much in any direction, sun set clear sky red & wild - No obs
 Jan 20-20 On 20 Dr Took one 2d whale to day!

Cruising for "Fowheads" In Arctic Ocean A.D. 1887.
 Tuesday 20th September

Commenced with fresh N.E. wind cloudy standing on board
 E.T.C. under lower topsails until 3 a.m. came up to loose to
 wear to S.W. commenced boiling 6 a.m. all through the
 day a stiff N.E. gale. Saw a steamer cutting to windward
 and one ship chasing & boiling to Lat ⁷² Long 166 26 W

Wednesday 21st September

Commenced with a clear cold N.E. wind fresh under lower
 topsails jib and spanker on diff tacks saw 4 whales
 to day going quick could not keep run of them had
 boats ready to lower twice. Saw the "Mrs. Fuljies" cutting
 6 sail in sight 3 steamers started all small stores
 into run and stowed starboard main hold viz 319, 154
 184 - 147 - 200 - 336 - 310. Water tanks played out stowed 6
 casks water between decks starboard side Lat 71-50 N
 Long 168.40 W

Thursday 22nd September

Commencing with fresh N.E. wind and clear weather
 finished boiling at 2 a.m. and finished stowing
 this afternoon viz 368 - ~~339~~ - 319 - 188 - 188 - 87 1/2
 kegs @ 36.70 Total with yesterday Potatoes 3199
 or 101 bbls 17 1/2 gallons spoke the "Thrasher" 20 white
 repts orca 23 - Brugs 16 - and I have but 2 more.
 God has been kind to give me those and I am
 thankful stowed off the Blubberman myself
 to day evening mediating back carrying 8th
 solid down 3 vessels cutting Bar high
 30 - 50 - Lat 71-45 N Long 168-39 - West

Cruising for Whales On Arctic Ocean Oct. Dr 1887 -
Friday 23rd September

Commenced with a moderate East wind clear pleasant weather under all sail except courses along edge of the ice saw 9 sail several chasing whales. but saw none that we could chase. Spoke the ship "Gelvedere" Capt Cook 10 whales - reports the "Geluga" with 20 the "Lucretia" 9 the "Galarna" 8 Lat 71-40 N Long 169-07 West - an addition to yesterday's oil gauges of 379 instead of 339 and one of 187 gallons not counted gives the total of the whole total 3426 gallons or 109 barrels 17 1/2 gallons

Saturday 24th September -
Comm with a light East wind clear cold weather @ daylight within 5 miles of the pack at the head of a light the whole surface of the ocean frozen into a flush ice stood to the south all day under all sail except mainsail 9 sail seen today 4 Steamers & a schooner to the East who went out of sight in that direction and 2 barges (one boiling) and 2 Steamers to the West the 2 latter ran out of sight to the West "Harshel" & "Gelvedere" a strong current beat us all day Offshore to W - Lat 71-49 North in Long -

Sunday 25th September
Copen with a light East wind clear & pleasant a remarkable fine day throughout 8 A M kept off along the pack to the N.E.W. 5 sail ahead 2 boiling. at 6 P M 4 in sight all laying aback heaving to the south came into bay gauging of whalefeed just before dark @ P M supper to aback to the south Lat 71-37 Long 170-43 W

Cruising for "Fowheads" or Ice Whales In the Arctic, 1887

Monday 26th September

Commencing with a light East wind clear cloudy weather, abate all night daylight frosts with it until 6 a m when we bore S by E 4 sail in company 2 boiling 9 a m came in thick fog 2 Pm cleared off saw 16 sail. one a schooner saw the "Ocea" & "Thimble" standing to the East towards ship to E. S. E. and under all sail started back again 7 sail in company saw one ship to the South take a whale but this fleet seem to be doing nothing so we are trying to go back when we saw our last whales. Evening light full of snow ice fresh all along to the S from 5 miles. Aurora very bright - ~~through the night~~ Probo -

Tuesday 27th September

Commenced with a moderate North wind and clear weather under all sail heading E. S. E. Through the night wind gradually increasing reducing sail until we had reefed main lower fore & foremast with storm sails. on diff tacks ice blink to the S. saw the "Ocea" up to the ice off weather beam cutting and saw the "Helen" boiling 9 sail seen - at 20 minutes past 3 Pm were ship to the East having stood 3 hours to S by W. furled upper main topmast. heading on the wind E by S. Hoisting head with sun. Lat from 71. 34 N

Long 9. 20 a m 170. 14 West

On a S.E. gale in the Arctic Ocean 1887

Wednesday 28th September

Comm with a strong S.E. gale with fine snow under lower topsails & stormy sail on the wind to the Eastward & a m blowing heavily felled fire & spirit deck down the main royal yard saw 5 vessels to windward & ahead passed a heavy piece of drift-ice at 11 a m afternoon
 Ice moderate all hands at work clearing ice off the bows & head gear freed her of several tons weight.

Lat Noon 70-59 N Long 170-00 W

Thursday 29th September

Comm with a S.E. gale with fine snow Ice forming all over the ship under lower m sail & stormy sail heading from E by S to S.E. Sounded 7 a m 20 fms 3 P m 19 water dark green many birds and much feed 3.30 P m saw 5 Foxheads one with a calf too much ice to tell whether they were still or not. I judge the position of the ship to be about 70-00 N Long 169-30 W passed the "Ocean" on opposite tack at 7 a m - thermometer rising slowly stands at 30.250 Fahr ^{ice} incline to melt this afternoon some wind more to the East and not blowing so hard cannot head better than S.E. m Lane and the Jay both played out sick putty men

Friday 30th September

Commencing with a heavy S.E. gale clear weather heading from E by S to S.E. forenoon took in foretop sail afternoon main & sail 2 P m lost starboard beer boat and off davit - blowing heavy towards evening more mud & more regular sea Bar high 30.330 Ther 28 Fahr sounding 27 fms Lat 69-25 N Long 170-00 W

In a heavy E.C. gale " " A.D. 1887
Saturday 1st October -

Last night - they were sat clear and shortly after the
 full moon arose looking very red - It was the clearest
 day I have ever seen In September a bark came in
 sight likewise heading to the Eastward off our lee
 quarter - having beat one old Mizzen stay gone for a
 stormy Mizzen we set it and the fore stay and kept
 them on her all night - heading from E to E. by E
 daylight water very muddy looking of a light color
 sounded in 25 fms. throughout the day blowing
 heavily in gusts from E. by E. at times oblique to
 lake, the fore stay sail and stormy Mizzen saw
 seals and the bark off our lee bow every thing
 very heavy considerably Lee running about the bow

Lab 68-25-8 Long 169 23 west -
under 2d5 Bat

Sunday 2^d October

Flowing heavily in gusts from the NE with hails between
under lower main topsail main Mizzen & S. T. M. & sails
and a stormy Mizzen 12 30 a m set fore staysail heading
E. by N. to E. S. E. shipping considerable spray which freezes a
fast as it strikes the ship and some heavy sea striking
the ship & a m a barque to windward kept off S. E. & m
followed by 12 m had single reefs fore & main &
m topsail staysail set steering S. E. rounded 7 a m 19 fms 8 a m
21. ran all day up to 10 P. M. clear weather at 6.20
rounded 23 fms bore S. E. & packed all but in afternoon we
had made seen a number of whales @ 4 P. M. too rough to
lower and boats all run up some turned up weather suddenly
all day and small boats. Set 4 P. M. 67-20 fms 168-36 m.

Pass out of the Arctic into Behring Straits 1887
Monday 3rd October

Ran last night until 10 P M under lower topsails S. by E -
then laid aback heading to the Eastward until 3 A M
when bore S. by E. and increased sail forming 18-20x23
fths. & A M saw land to S. Cape P. of W. and to S. W.
East Cape. Divided S. by E. called at East Cape and ran
for it until 10 A M then hauled up S. by E. for East
Cape with moderate breeze S. by E. & H. clear weather saw
3 sail bound out 4 P M south end East Cape W
& miles bore S. by W under topgallant sail. Rated Chumuk
31 miles too far west - Rate to day 59-36 How sum
Humpbacks & Ripsacks wind fresh S. by W Lat 66-00 N
Long 169-10 West

Anchor @ Indian point - to land natives
Tuesday 4th October -

A Fresh North wind, and clear fresh M. S. G. sail at dusk
steering S. by W. 5 A M saw "Big Island" S. by W 20 miles hauled up
S. by E. and set M. S. G. sail. 9-30 A M saw Indian point clear
squalls of hail and snow frequent - @ 11 anchored just south of
the point - Goats came off Ripsacks the "Going Phoenix" here
yesterday with 8 whales leaking bad! discharged say 2
natives shipped at "Poor Bay" and @ 11-30 were underweigh
again steering S. under M. S. G. sail from fulling but
weather moderating - 1 P M saw a steamer @ anchor
in "Marcus Bay" afterwards steaming towards Indian point - a
small vessel Beryantine, rigged 4 P M bore S. by W. clear S.
Lawrence Island. Strong current setting to the Eastward. Much
snow falling. By obs @ 3 P M. Lat 64-05 N Long 172-00 West

Remarks Concerning this passage through Johns Strait

From the 6 days duration of the recent N.E. gale a strong current was encountered. On passing through which contrary to my expectation seemed to be setting to the Eastward, or at all events off from the West shore - as upon passing East Cape ^{3 or 4, 8 m} I steered S by W with a fresh N.E. wind and clear weather, bright full moon & quite expected by daylight (5 A.M. on the 4) to be up and close to the rocky end of "Kagene" or "Big Island" of the natives. Instead of which, I found we were quite 20 miles to the E. of it and by steering S by E & S.W. made the low land of Indian point well on to the high land west of it the huts just showing clear to the South, when 8 miles distant - and on rounding the point close to 109 fathoms & at the anchorage (point N.E. 1/4 miles) a current of quite 2 knots setting along the land to the Eastward which carried us on a T. course by steering S.E. after we left towards St. Lawrence Island. Passing the Island we seem to have less velocity -

Round South through Fisheries Sea
Wednesday 5th October

Jeffing to & & winds light and moderate throughout
snow squalls varied by hail with sunshine at intervals
steering S.W. up to 12 Midnight then S 45 E then
S 45 E & S.E. nearly calm during forenoon tried for fish
to no effect. a few common gulls seen

Lat 62.4 Pm 62-30 173-30 W-

Thursday 6th October

Jeffing to & & winds moderate and light through the
night steering S.E. up to 8 a.m. then S 45 E 9 a.m. saw St.
Matthews Island ahead 45 miles weather clear in that
direction but thick astern with snow squalls all forenoon
afternoon snow and rain 6 P.M. the south end of the
East end of the Island bore S 45 E 15 to 20 miles fired M.C.
by sail and upper foretopsail steering S 45 E many
Crowsbills or Dicksies noticed wind gradually freshening
No observation

Friday 7th October

Fresh N.W. gale in gulls with snow rain hail & sleet in
squalls steering from 12 Midnight S.E. up to 12 m then S 45 E
& P.M. S.E. under main topsail lower fore & foremast saw
seal & Right Whale bird seen with common gull

Lat 58.06 N Long 172-53 West

Saturday 8th October

A moderate N.W. wind with snow hail rain & sleet squalls. saw
out between S.E. under M.C. sail 12 m S 45 E afternoon wind
vary to the West set jibs. tried for Codfish but water too deep

Lat 56.06 N Long 172-07 West

Between St. Pauls Island and the 172^d Lane -
 Sunday 9th October

Light-buffling winds with rain showers throughout the night
 cloudy all day but no rain most of time, nearly calm
 saw Sulphur Bottoms & porpoises. Shot & saved a small Fin seal
 tried for Godfish water too deep find an easterly current
 Steering $HyE\frac{1}{2}E$ up to 12 m then south by obs @ 9.30 am
 Lat $53.48N$ Long $171-38W$

Monday 10th October

Light-buffling $E\frac{1}{2}NE$ air steering south, through the night under
 Mr. T.G. sail By sight Superfast - at 10 am Made Long 172.33 by $HyE\frac{1}{2}E$
 afternoon just laying her course broad ship of all sail except
 Mr. T.G. sail saw Pintacks Fin seal and many black gulls & black
 birds & I m hauled up NE . Lat noon 64.33 . Long 10 am 172.33 W

Tuesday 11th October

Light-buffling air all night through the day a thick calm but cloudy
 one sail in sight to SW. saw Killas and shot & saved a Fin seal!
 Am out @ times, Subtopan 20 miles Lat $53.49N$ Long 172.45 W

Wednesday 12th October

Light-buffling air through the night. 4 am wind out well to E and
 beginning daylight - 2 sail off leeward 10 am blowing a gale with
 rain heading HyE reduced to lower top 12 m furled fore
 and turned up port bow. 1 PM were ship to SE blowing
 hard heavy rain afternoon moderating gulls & north
 commencing down to 29.40 and facing distance run from
 yesterday 53 miles from noon to noon just beyond
 Island bears South 48 miles - 4 PM moderating fast
 Subcuting change - rain falling after dark it commenced
 to blow fast from SE furled Southward

In a heavy N.E. gale Inside the Fox Islands 1887
Pass Leguan Island into North Pacific Ocean—

Thursday 13th October

Flowing a gale from the N.E. and veering to the South 1 a.m. grossed winged Main topsail Flowing heavy Sea gusts by 8 a.m. wind N.W. heading to South 10 a.m. Moderating 1.30 P.M. wore to the S.W. a sail to the S.E. & 4 P.M. wore to the S.W. set fore topsail and storm sails. Saw land N.E. 30 miles call it Leguan Island "every moderate gust with rain showers. Storm bowboat turned up on course

Lat from 52.54 to Long 172-33 W

Friday 14th October

Wind last night rapidly moderated until by 2 a.m. it was nearly calm. Increasing sail and on diff. tracks saw lights of 2 ships @ 2 a.m. clear but dark bore S.W. and made all sail wind light S.W. 5 a.m. saw Leguan Island 30 miles East end E.L. bore for it with "May and Susan" close by all forenoon nearly calm light East air could just head for East end of the Island at 12 P.M. took a breeze from S.W. with fine rain showers and improved it by making all sail and gradually freshening land to full flying jib for fear of carrying away the mast at 4 P.M. South East end Leguan West 15 miles steering E. & S. M & I passed us as soon as breeze sprang up—bore a bark as we could carry top gallant to the breeze. at 5-30 P.M. reduced to top sails fore sail & jib and bore S.E. South end of Island bore West 20 miles. another sail in sight to the E. — Rated Chronometer 1-02-24 slow daily rates 14 3/10 per
cent down chronometer unworn cutting face took in cutting place

On the North Pacific, bound to San Francisco C. L. 1887-
 Saturday 15th October

Last night @ dark bore S.E. took in light sails and increased the wind fresh from the S.E. a low barometer and a bank of clouds rising from the S.E. at 10 P.M. it all cleared off the wind moderating and veering to the N.W. bore S.W. and set the topsails and up to 5 A.M. a steady wind gradually clearing out at 6 A.M. light-breeze air with thick weather snow sleet & rain falling up to 9 A.M. then wind N.W. with clear weather took in bow and waist boat. Afternoon light & it was clear & sun shiner. Arrived at Island of Laysan 55 miles. Jernamaka and the N. of Tehingimaduk, in sight the latter S.W. $\frac{1}{2}$ E. and all these Islands white with the fall of snow this morning yesterday they were devoid of it. Lat 57-30 N Long 171-14 West

Sunday 16th October

A steady N. & W. wind and clear throughout the night under topsails S.E. until midnight then S.W. All through the forenoon fresh & it was clear after 12 Meridian blowing on with squalls gradually reducing sail & steering from S.E. to E by S at 5 P.M. a heavy squall and rain reduced to low main topsail steering E. & S. dark moderating soon saw first Hawaiian birds Lat 49.32 N Long 168.32 W

Monday 17th October

A fresh gale with squalls of rain from the N.W. under lower main topsail steering from E by S to S by E up to 2 P.M. then moderating by 8 A.M. had topsails set again steering E by S. Many flocks of gulls noticed clear & day and moderating evening wind N.W. wind 30-40 Lat 48-17 Long 165-06 W

From the Arctic. bound to San Francisco N.D. 1887-
 Tuesday 18th October

Fresh SW wind throughout under topgallants E & E. - Ely & E
 moderating through the day. Many gulls & 1 Hawaiian Bird seen
 Lat 47-20 N Long 161 = 38 West -

Wednesday 19th October
 Light SW and SE. air clear and pleasant - 8 under topgallants
 Mizen topmast stay parted, splined 21' put spare sails on car
 Carpenter repairing boat - saw gulls & Molly Hawks -
 Lat 47-09 - Long 160-15 West

Thursday 20th October
 Light SE and East winds heading from Ely & to S.W.E. under topgallant
 Eup in setting up shrouds stowing away provisions Rope sails etc. mkins
 seen today. very clear atmosphere Lat. 47-25 N Long 158-21 West -

Friday 21st October -
 An increasing East wind heading to E and reducing sail
 modestly at 7 A.M. had only M topsail & storm sails thick with
 rain at 12 M wind veering to SE. Moderating soon heading to E
 dark heading E. & E. Barometer 29.450 & falling no obs

Saturday 22nd October
 A heavy E. & E. gale with rain, goose winged Mammotail @ 5 A.M.
 Moderating with confused sea set M & sail and all storm
 sails were veering into the South clearing up afternoon
 set S. & sail confused sea heading East No observation

Sunday 23rd October
 During night wind moderating some set foresail & jib forenoon reefed
 M topsail heading E on wind light fog on water all day
 evening wind about S.W. heavy swell from the west occurring
 Lat 48-38 N Long 154-50 West -

"
 " *Frances Palmer* bound to San Francisco 1887
 Monday 24th October

Flowing on last night from the S.E. with rain fresh jib & furled
 12 Midnight moderating and veering to the T set them again
 & bore E by S. 7 A M set whole topsails fresh wind & high sea afternoon
 moderating and veering to S.W. Steady E by S 1/2 S. sun dim sea
 Lat 48.22 South -

Tuesday 25th October

All kinds of winds and weather rain & shining from S.E. to
 N.W. a gale constantly and a confused sea making & taking
 In time as required from topsails to lower topsails
 course E.S.E. Lat 47.42 or too long -

Wednesday 26th October

A continuation of yesterday with more wind & rain & no
 decrease making & reducing sail from topsails to lower
 topsails and stormy sails Steady E.S.E. and at dark just
 laying her course braving fulling 29.50 and was fishing
 No Observations -

Thursday 27th October

Southerly gale with rain throughout Steady E.S.E. under
 reduced sail 6 A M reduced to stormy sail
 bore to wind fresh gale from S.E. with rain & thick
 weather 2 P M a shift to N.W. much rain 6-30
 wind veering back to southerly again bore to Pearl & all
 stormy fore and aft sails set No obs
 Many "Palagonium" shells and 6 Hawaiian
 birds seen. Thick weather and rain throughout
 Jan 29-250-

From San Francisco to San Francisco Oct. 1884 -
 Friday 28th October

A subsiding S.E. gale with dark gloomy weather
 a constant spitting of rain and a heavy west swell
 under topsails jib and foresail heaving from E.S.E. to
 E.S.E. at sunset a clear space in the horizon to the W.
 Many Hawaiian birds seen Jan 29. 750 No obs

Saturday 29th October

From dark last night - to 11 o'clock calm then mod
 N.W. wind made all sail E.S.E. Forenoon wind veering to
 to E with dark gloomy clouds ahead rain falling at intervals
 and a confused high swell from S and S.W. clear to the
 Westward. Afternoon clearing up sun out clear to the West
 and overhead but to the E.S.E. gloomy threatening weather
 Jan 29. 850 saw a solitary goose one flock and another
 12 more E.S.E. wind veering to the S but high swell
 Many Hawaiian birds imperfect Lat 43-44 N
 Long 3 P M 142-21 W

Sunday 30th Oct

Wind @ dark last night S.E. in light - dark with fine rain @
 9 P.M. S.W. clear and moderating up to 3 A.M. then
 calm with confused high swell from South & West
 steering through the light E.S.E. 10 A.M. a light East air
 on ship tracks 1 P.M. fresh breeze turned to the S.E. clearing
 up but few birds seen & water light green Lat 44-45 Long 141-05 W
 By dark wind increasing fast reduced to lower
 topsails and foresail -

In a hard Easterly gale & rain storm
Monday 31st October

Blowing a gale from the East and a drizzling rain storm
from the heading S by E. 1 A M wind veering to Souther
won to 10 to 12. 10 A M veering back again won to 10 to 12
lower foretop sail afternoon moderating some rain in
squalls heading S by E but making little heading
up swell. Sun Rising 29.750. No obs

Tuesday November 1st

Heading to the Eastward. Under storm sail & lower
topsails wind a gale with rain, in squalls from the
tending to the North. 5 A M out from the North and
blowing on fore & main foretop sail 9 A M blowing hard
gale & more ship to West here to 1 P M moderating
some and signs of clearing up were both E by S & S
storm sails again towards night moderating
Sun rising 30.050 No obs Many Hawaiian birds

Wednesday November 2nd

A subsiding North gale fresh wind from West squalls
Under topsails Course & jib E by S. Sun in deepening blue

Thursday Nov 3rd Lat 43-07 N Long 139-53 West
Moderately North wind with rain showers all night E by S
ship hauled daylight light to 6 & clear S by E. Sun in
afternoon veering to E by S under all sail first good day we
have had since leaving & working time Lat 41.43: 138 40 W

Friday Nov 4th

From 9 last night wind Mod N. by W. squally at 7 A M
worked a little time and then reduced to lower topsail
jib & foresail E by S afternoon squally 4.35 N 136.21 W
Sunset - with all sail by tacking a line

Bound to San Francisco Cal. L. 1887

Saturday 3rd November

Fresh North gale with rain squalls gradually moderating and veering to N.W. beffling in squalls steering East and increasing sail at daylight wind N.W. moderating fast finished working all done by 12 M afternoon light West to West wind clear and warm bundled 8 barrels Trade, Whalebone mounted T on canvas bag on put below. put 135 pairs Walrus tusks, 325 lbs in a tier marked Voy and stowed in aft lower hold steering $E\frac{1}{2}$ N since 12 M Many Hawaiian birds noticed Lat 39-40 N Long 133-32 W.

Sunday 6th November

Light beffling Westly air calm fine rain showers through the night. during day Moderately Westly wind clear weather sent off Main royal yard & set the sail caught 2 Albion Lat 39-25 132-21 W. steering $E\frac{1}{2}$ N -

Monday 7th November

Light Westly wind clear pleasant weather heavy N swell @ daylight steering $E\frac{1}{2}$ N under in royal bundled whalebone and stowed between decks and in lower hold off 34 barrels 3707 lbs. total with trade 4463. lbs took on 40 provisions and stowed a cask of Duns in lower hold 23 Red Fox 13 White 6 Deer skins - caught 2 Albion Lat 39-02 130-13 W

Tuesday 8th November

Light westerly wind clear pleasant weather all sail $E\frac{1}{2}$ N. Emp in working ship Inside - Afternoon wind veering to the South

Lat 38-38 N Long 127-55 West

Bound to San Francisco 1887-

Wednesday November 9th

Light southerly winds throughout and clear pleasant weather under all sail $8\frac{1}{2}$ or 2000 in clearing ship taking up of craft etc. saw a 3 Mergul and ship leaving the H. also saw several coast whales 12 in bore East Lat 38-24 or Long 126-06 West 5 P.M. saw a vessel astern coming quick

Thursday November 10th

Light baffling southerly air very warm to all sail $8\frac{1}{2}$ P. daylight - 4 sail in sight ahead all whales put out waist boat 230 P.M. saw land from H. to E. to E. 45 miles afternoon light baffling to all heading from E to E to E many drifts and much kelp seen this morning Lat 38-10 or Long 124-31 W distance shown from nearest land Point Alena 37 miles must be to far west say 15 to 20 miles -

Friday November 11th

Light-baffling air & clear under all sail from E to E to E 9 A.M. saw point Reyes E to E by compass 15 miles 11 A.M. tacked to S.W. Point Reyes E to E 10 miles came in thick fog and a fresh S.E. wind fueled light sails 2 P.M. clearing up tacked back to E to E saw "Geyser" "Tuna" ship "Ericson" and a number of schooners bound to H.W. at 5.30 P.M. point Reyes to E to E 2 miles tacked to S.W. to E to E 1/2 P.M. saw a small light S.E. wind moderating and light shower of fine rain but all boat gear in work Lat 38-01 or 02

On a thick fog off Point Reyes St. L 1887

Saturday November 12th

Calm all night and forenoon heavy swell from the Westward, came in thick @ 9 P.M. at 2.15 P.M. cleared up some saw "Point Reyes" E of 5 miles a light westerly air springing up made all sail with the T.P.C. could hear the breakers plain and the fog whistle at 5 P.M. came in thick fog again at 6 P.M. resumed sail to N. E. by S. and by light with courses up and hauled about heading S.W. by W. by W. Soundings through the day from 40 to 35 fathoms a current has set us to the N. through the night & forenoon. Saw a whale off shore when the fog lifted. When it cleared up we found this current had set us to the south of the entrance of the harbor and we were well south of the "Cliff House". we made all sail and with a light N.W. air stood towards the harbor just stemming the tide and for some time it was undecided whether the southerly breeze would beat us or we at a fog swell threatened to break about us. but we managed to avoid it by the breeze freshening and at last I took a Pilot. to increase the experience of the owners of this vessel who are most disparably mean in all senses of the word!!! — Although I hold a British pilot's certificate and had no need of assistance but it cost the \$50. — and I had the satisfaction of making them pay it. we anchored off Black Point at 10 P.M. and I left her & would not take her again if they would give her to me out of art —

Journal of a cruise, to the Arctic Ocean In 1888
 On the American Schooner "Porpoise" of San Francisco.
 A. A. Parker Commanding -

Thursday March 8th

At 5 P M took the "Felix" ^{"Felix"} and towed to sea east off of North Head and with a stiff N.W. wind under lower sail stood to S.W. on the wind. 23 men all told. during night - blowing fresh reefed fore & mainsails and furled jib, very rough confused sea shipping much water otherwise clear and pleasant -

Friday 9th March

Moderate N.W. wind cloudy out reefs set flying jib & staysail passed whaler "Ocean" of New Bedford who sailed 10 A M yesterday saw a bark steering to the S evening light - air clear cold and pleasant Mrs Parker wants sail today @ 9 A M direct for Auckland New Zealand - In the F F "Alameda"

Saturday 10th March

Calm and light - baffling air, smooth sea except in washing ship inside, filling boats, the Ocean 5 miles to S. evening light southerly air, heading N.W. under lower sails & staysail -

Sunday 11th March

Light - southerly windy through the night - under lower sails and staysail N.W. daylight bore N.W. set fore & main gaff topsails. Cloudy 2 sail in sight 12 M came in a thick fog evening wind freshening pulled topsail - saw a number of Fur seals small size! -

The "Rosario" bound to the Arctic Ocean Feb. 1888—

Monday 12th March

Commencing with a fresh S.E. wind with rain cloudy weather reduced sail to double reefed mainsail single reefed foresail and staysail steering W.S.W. too rugged to do any work. Saw no sail this day 1 fireboat only. Afternoon clear better weather, midnight wind veered around by N to N.

Tuesday 13th March

Commenced with fresh W. wind cloudy weather steering W.S.W. under jib foresail & single reefed mainsail. Employed upon the boat and starting things generally, evening very dark must set it up fore and aft— 5 P.M. bore S.W. Lat. 36.34 N Long 130.30 West—

Wednesday 14th March

Comm with moderate S.W. winds clear pleasant weather. W.H.W. under moderate sail. Employed in setting up lower rigging fitting boats, breaking out for flour etc. served out tobacco to the crew at dark all sail out but topsail.

Lat 36.05 N Long 132.23 W.

Thursday 15th March

Comm with a calm and clear weather, employed in breaking out the hold served out clothing to the crew from booterams, many Hawaiian birds around. Put 12 1/4 barrels of flour from after locker into an old cask marked slops with blue paint! Employed old slop cask and put into the cask containing native boots, Grogans, belts and sheaths, gun pompons, 1 cap, 1 trowsers and 1 undershirt. Wool mitts and all the

See page margin sheet
with number

"*Rosario*" bound to the Arctic Ocean Et D 1888
 Friday 16th March

Commencing with a moderate S.E. wind since 1
 A.M. clear pleasant weather under lower sails 12 P.M.
 Emp in setting up topmast rigging and all head gear
 put all Remains in after run found the over
 hauling some water about the rudder post which
 shows the carpenter did not find it as she looked
 there before. I think it is in the rudder casing
 either a spike or trenail that has been neglected to
 be put in - Cabin boy sick with malarial fever
 Lat 35.53 - Long 135.09 West

Saturday 17th March

Commenced with moderate southerly air & clear
 12 daylight rain showers wind backing around
 to the S.E. steering from N by E to S by E. In morning
 and set foretop sail. 12 P.M. wind out fresh in a
 squall from the S.W. hauled light sails set mainmast
 hauled up W by N. to full sails - Emp in getting top
 rearing new rigging etc. No observation -

Sunday 18th March

Comm with a fresh West wind, cloudy weather
 under lower sails W by N daylight set foretop sail
 afternoon wind veering to the Eastward put 1 reef
 in mainsail hauled up N by E to hoisting in
 and to keep the sail full

Lat 37.47 N Long
 Same observation -

"Rosario" bound to the Arctic Ocean & D 1888
 Monday 19th March

Came with moderate S.E. wind moderating with fine
 mist showers under all drawing sail & by 4 P.M. 4 P.M.
 Eng. in fitting boats etc.

Lat 40-14 S Long 144-24 West

Tuesday 20th March

Commencing with light-Easterly wind fine rain
 showers @ intervals. Steady from S.W. by W. to W. under all
 drawing sail. Employed in fitting boats & etc.
 Afternoon calm wind growing light freshened however
 as wind & sea went off.

Lat 41-33 S Long 143-43 W

Wednesday 21st March

Commenced with light-Easterly air fine rain
 showers cloudy weather smooth sea under all
 sail W. by W. Eng. in fitting boats & "Crownst"
 Afternoon calm fine rain evening wind and
 S.W. with rain freshened in top sail heading W. by S.

Lat 42-33.18 North

Thursday 22nd March

Came with a calm and fine showers of rain fog
 etc. and so continued throughout the night - 5 A.M. a
 moderate North wind with rain showers all day
 Eng. in ribending fore and fitting downhaul and
 catch ropes fitting boats etc. under all sail W. by W.

No observations -

Schr "Rosario" bound to the "Fishing Sea" at I 1858
 Friday 23rd March

Comm with moderately easterly air fine rain shower
 under all sail N. E. W. Emp upon the boat & the
 rigging afternoon good breeze steering N. by E

Lat 44-13.30 N Long 149-59 10 W

Saturday 24th March

Commencing with fresh S. E. wind rain showers
 cloudy weather under all sail N. by E forenoon fresh
 main topsail evening failed light sail and put on
 reef in mainsail windy decreasing

Lat 45-06 12 W Long 149-53-

Sunday 25th March

Commenced with fresh southerly wind cloudy weather
 increasing sail gradually as wind abated until 10 am
 we had all sail set steering N. by E until 4 Pm
 hauled up West - a general observance of the day -

Lat 48-20 N Long 156-28 West

Monday 26th March

Comm with moderately southerly wind cloudy
 under all sail West - Emp in getting "Commence"
 more calm lowered down all sail. Unbent
 main topsail for repair. 5 P In a breeze from
 N. E. clear and cold made sail to the West
 again all Hawaiian birds have disappeared
 Gulls glaucous or black quite numerous
 The Lambert sick off duty

Lat 49-21 Long 159-49 W

"Rosario" bound to "Johnny Sea" N.I. - 1888.

Tuesday March 2nd

Came with moderate North wind clear weather
Emp in repairing main topsail & putting up the
"Crownest" in fore cross-tree steering West - air
cold weather cloudy

Lat 50-16 N Long 162-35-W

Wednesday 28th March

Commencing with moderate East wind cloudy
with fine rain made all forward sail West
Emp in lashing cutting pendants to main masthead
afternoon dense fog evening lightning of some a
heavy westerly swell overhauled lead lines

Lat imperfect 51-14 Long nil fog!

Thursday 29th March

Commenced with a fresh East wind with fog
In squalls made foretopsail West foremast redunn
to single reefed foremast and staysail hoisted to
once during the afternoon on account of thick fog but
it lightened some and we hoisted off again and
ran until 5:30 P.M. fog lifting and blustering down
we were then among many small ducks and
tidy rips and I think I could see the land through
the gloom so we hoisted to the wind heading S.E.
Topsail by thrusting at 54 - no observation
this vessel in running is superior to any I have
ever been the good to bleed!

"Tcha Porwio" In "Behring's Sea" 1888

Friday 30th March

Commenced with fresh East gale cloudy with fog under reefed foresail and foretop sail on wind & E until 12 midnight then went to bed at 5 a.m. saw the South of Mountain Island W. 8 miles by West and made sail and by 7 a.m. was in Behring's Sea fog covering the land could not see islands to the West fresh breeze from SE up to 5 P.M. when moderate SE freshened onto whistling sea and finished "Commenced" evening heading NW by W under all sail by 10 P.M. saw porpoises Lat 3 P.M. 53.25 N 171.24 W

Saturday 31st March

Commenced with moderate East wind fog and slight rain smooth sea under all sail & by 11 A.M. bore NW by W by 1 P.M. by W we have made 138 miles — No obs

Sunday 1st April

Commencing with moderate East wind cloudy through the night steering NW under all forward sail. Minusail furlled — through day all sail & NW wind & E. fog and rain evening furlled light sail

Lat 57.52 N No Log

Monday 2nd April

Commenced with fresh SE wind fog and rain from dark last night up to 5 a.m. today heading NW under reduced sail then bore NW under fore sail jib and 2 Reefed Minusail commencing to be cold sea forming on deck

"
 Tchu Rozario" up to Cle pack Behring's Sea 1888.
 Tuesday 3rd April

Come with dense fog & E wind $\frac{1}{2}$ a gale rough sea and intensely cold. Aback from dusk yesterday took a 9m then bore & W of W 7 a m came up to see redwood sail and laid aback 9 a m clear weather wind & ran along edge of pack in scattering ice until 5 Pm when we made off to the South laid aback and fitted, jibs, to fore gaff saw finbacks evening very moderate wind & W. Lat. 60-15 N Long 162-35 East

Wednesday 4th April

Come with fresh & W wind with frozen fog early after clear aback through the night during day under short sail on diff tacks along edge of solid pack amid scattering ice. Early in fitting out by bobstay and stormy off hold saw 5 sail 2 steamers standing to the Eastward saw our first and only seal moderating towards E. Lat 60-17 N Long 162-06 East

Thursday 5th April

Come morning with a clear cold pleasant day with light & W wind under moderate sail on diff tacks amid strips of scattering ice which although small are heavy with much young ice between. Early in receiving cutting fall painting "Crows nest green" fitting Rudder chains and stay saw 4 sail during the day 2 steamers went off into the ice to the west out of sight the "Galena" & "Zeluga" at sunset nearly calm a bark to the South saw seal and a finback whale
 Lat 60-14 N Long 162-05 East

On "Pershing's Sea" Wind loose Ice"

Friday 6th April

Commenced with light N.W. wind clear weather atack on diff tacks, amid young ice very cold weather. Eng. in putting out cutting stage fitting cutting pendulants. Afternoon spoke the J. A. Howland 100 spars. Lat 39.43 Long 178.12 E. Lat 39.43 N Long

Saturday 7th April

Comm with a fresh N.E. wind intensely cold weather, water covered with vapor obscuring surrounding objects. Scattering ice abundant light and heavy ice strips. Thermometer @ Zero!!! Saw 3 steamers steering to the N. and the "J. A. Howland" under that sail atack on diff tacks. Towards evening moderating No Ob. Saw "Killers" going to the south -

Sunday 8th April

Calm with a light N.W. wind intensely cold & clear the entire surface of sea frozen over from 1 to 3 inches in thickness. Spirit Compass in barometer frozen solid. J. A. Howland in sight here tried all day to go S into the open water, but little headway has been made. Evening wind light N.W. Lat 39.20 N Long 177.30 East

Monday 9th April

Commencing with cloudy weather, high full of snow and moderately S.W. wind. entire surface of the sea frozen ship motionless all sail furled. Saw Killers Eng. in fitting cutting pendulants put aloft overhauling off run put a fly at the main. Making boat cover etc. J. A. Howland 7 N. 10 miles

On 'Gherings Sea' Frozen In Ice Pack 1888

Tuesday 10th April

Commenced with light frosty air cloudy weather
frozen in solid no clear water and a light fall
of snow all day Evening clearing up some a mild
East wind set foresail & staysail and tried to run
out to the L.W. made 1/2 mile only till No observation -

Wednesday 11th April

Commenced with light East wind thick gloomy weather all
sail in frozen in solid no going see small space
of open water in various directions No seal

No observations -

Thursday 12th April

Came with fresh East wind with some frost in
solid in the ice. No clear water to be seen a light
snow from the South during afternoon set foresail &
staysail and tried to force her as ice opened a little
but at 5 P.M. forced foresail. Several gulls seen
but no seals

Lat 59-30 N Long 179-45 East

Friday 13th April

Commencing with fresh East wind already
12.30 a.m. Ice opening some made sail and ran
Nearly to the L.W. under reefed foresail & staysail
12 M were in clear water having come from 20
miles. Spoke three "Eliza", "Ohio" and Steamer
"Mercury" - they have all been frozen in outside
the ice during the recent cold snap - none have
seen any whales -

No observation -

"Rosario" On Ghering Sea In a Snow Storm
 Saturday 14th April -

Commenced with cold cloudy weather and moderate E. wind. Under short sail wind scattering light ice. Saw a finback run to west a few hours came in a thick snow storm with wind E. & E. reduced sail to double reef and staysail and hauled off three run 5th sail during day. Many gulls & gull-mots seen.

Sunday 15th April

Came with fresh E. wind thick snow storm under double reef on diff tacks some scattering ice seen. Afternoon cloudy. No snow. Saw "Lucretia" working to the E. in a light ice. No observation -

Monday 16th April

Came with moderate East wind with snow under all sail except topsails on diff tacks working both along edge of ice. 4 P.M. spoke steamer "Lucretia" evening moderate & clear furlled light sail. Saw Finbacks. Capt. Cooke made Lat 60-04 S.

Tuesday 17th April

Commencing with moderate East wind cloudy with fall of snow working to Eastward along edge of ice. Spoke "Lucretia" in co 2. P.M. ran him out of sight came on E. gale thick with snow hauled on wind to Eastward reefed sails. Saw 2 banks working to the Westward Lat 59-30 N 79-22 E.

Wednesday 18th April

Commenced with fresh E. wind which by daylight was out west fresh and clear 7 sail seen. 2 steamers. ran to E. to head of light & luffed to under short sail evening moderating 3 sail by sight.

Rosario "On Behring's Sea" along edge of Ice pack 1888.
 Thursday 19th April

Calm with light-air and calm. clear pleasant day
 emp- in greasing masts and painting new work and
 dunnage. Saw 5 sail 2 steamers, evening light East air
 Lat 59-43 N Long 179-24 East-

Friday 20th April

Calm with light-East-wind cloudy and cold on diff tacks,
 along edge of Ice at the head of a light. Making Dub 48
 18 sail seen. 3 of them steamers, one in the edge of the
 Ice. Saw "Killing" we laying aback no observations

Saturday 21st April

Commencing with moderate East-wind, thick fog aback on
 diff tacks up to edge of Ice 10 a m fog lifted, saw 20 sail
 spoke Grieg "Hidalgo" Eliza "Forming Pillar" Wt "Guske" Phoenix
 Evening blowing fresh from Eastward some swell-

Sunday 22nd April

Commenced with a fresh East-wind cloudy weather, &
 a swell from the Ice under short sail on diff tacks amid
 beating strips of Ice close to pack 19 sail in sight spoke
 "Langue" "Wanderer" St "Lucretia" & "Burgue" Eliza. Exchanged
 a keg of ~~Whence~~ with "Lucretia" for a box. No obs-

Monday 23rd April

Calm with a fresh E. & E gale thick weather with snow
 on diff tacks amid beating Ice along pack trying to
 lay off under balanced reefed main and staysail
 several steamers and sailing vessels were all
 lying aback

No observations

"Rosario" On "Pelomys" Sea working East At. D. 1888
 Tuesday April 24th

Came with light southerly air thick fog and a heavy swell from S.E. In scattering ice working to the south 10 a.m. cleared up made all sail to the Eastward heading S.E. on the wind steering all out of sight ahead and we are ahead of all sailing vessels we have seen passed them all

Lat 59-33 N Long 178-34 East

Wednesday April 25th

Commencing with a calm and cloudy weather light S.E. swell of sail & hills seen evening light full of snow light S.E. air Working to E under all sail modest swell subsiding

Lat 59.45 Long 178.40 East

Thursday April 26th

Commenced with light S.E. wind cold with fall of snow on diff. tacks up to edge of ice 17 sail seen spoke Buque Northern Light - 36 days from Honolulu Evening light full of snow kept off ice following ice

No observation -

Friday April 27th

Came with a dense fog and light fall of snow daylight cleared off wind light S. ran to south along edge of pack until 10 a.m. when we ran through a thof. dark clear water made all sail to the East sent sail evening wind variable heading from E to S.E. weather clear

Lat 59-07 N Long

Saturday April 28th

Came with mod. brisk wind clear made all sail to the East spoke J. L. Hamilton's ship today from "Unalakleet" at sight lifted to aback

Lat 59-50 Long 175-55 West

"Posario" In Gehring's Sea working to the Eastward
 Sunday April 29th

Commencing with Moderate N.E. wind cloudy
 laid aback on diff tacks through the night see scattering
 ice in strips daylight made sail to E.N.E. 3 vessels
 in co. viz "Eliza" Ohio "2^d" & "Lucy" ran them all
 nearly out of sight heading on wind E to S in clear water
 up to 12 m when we came to close ice running S to S
 run off and through strips of light ice up to 8 P m when
 we were heading E by S fueled light sail few birds
 seen to day Lat 57-27 N Long 171-42 W

Monday April 30th

Commenced with Moderate N.E. wind snow up to
 daylight cloudy all day under all sail skirting ice in
 patches light formation "Eliza" Ohio & "Lucy" in sight
 Evening fresh breeze south with snow shortened sail to
 E.N.E. Lat 58-30 N Long 171-42 W

Tuesday May 1st

Commenced with an increasing N.E. wind with snow on diff
 tacks arrived open spaces in heavy ice which they made for
 Joles ran into driving the middle watch and we knowing
 enough to go out they way he came in as to reduce sail by
 putting a reef in the mainsail. attempted to keep off to the
 leeward of a large cake with only staysail out forward &
 ran slap into it bringing everything to a standstill and
 marking the stem into the wood ends through sheathing lead & all
 O them turned out assailed charge and ran into clear
 water. but the mischief was done!! though they did start
 heading to the West & drifted to South "Eliza" close by in pursuit

"Rosario" In "Behring's Sea" East Side N.D. 1888.
 Wednesday 2^d May

Came with dull cloudy weather, with snow and a strong
 S.E. wind. Aback through the night. Forenoon working
 to the Eastward in comparatively clear water, strips of ice
 at wide intervals "Eliza" & "Lucetta" in sight. Enfr in
 fitting "Fore Peak" "Hock". Ice break broken. Afternoon quite clear
 at 6 P.M. came up with heavy ice packs tucked to S.W.
 having been on Eastern tack all day under light sail.
 Lat by sun 57-20 N Long 169- West
 Sounded in 45 fathoms. Land bottom

Thursday 3^d May

Commencing with fresh N wind cloudy weather
 under reefed sail working to windward in clear water
 between strips of ice "Eliza" & "Lucetta" in Co at 5 P.M. saw
 2 more sail to South, sounded in 35 fathoms green water
 evening moderating. No obs seen.

Friday 4th May

Commenced with a moderate N wind cloudy weather, light
 fall of snow 6 sail in sight. 3 went out of sight to the N as the
 wind veered around to west light bringing to sight aft and
 the other 3 "Young Phoenix" "Ocean" & "Thos" passed as and at
 5 P.M. were 8 miles to the N of us. It was then calm and we
 saw to be seen to the East of us sounded in 30 fathoms
 Enfr in making a chain shot to port over the stern
 that my duffer of a mat, washed up by letting the
 whoever ran away with being on the night of the
 1st of the month. No obs seen.

"Rosario" In "Fishing Sea" on East side, Ch. I., 1888 -
 Saturday May 5th

Comm with a calm & light baffling air throughout
 all sail working to the N.E. in clear water, no sea to be
 seen but 3 sail in Co. Evening moderate N.E. wind
 heading N.E. by W. no sea in sight. Made a chain west
for the steam - Saw obscure all day rounded 30th

Sunday May 6th

Comm with light baffling N.E. air & calm with light fall of sun
 at night during day working to the N. with wind East
 very light. In clear water on East edge of the sea 5 sail
 in sight spoke "Young Phoenix" & "Ocean" & 3 in cum up
 with sea run off to the South East until dusk then back

Lat 59-13 N Long 168-00 West

Monday May 7th

Commencing with light southerly and S.E. air in open
 water amid scattering sea steering to N. by E all day the
 J.P. "Ocean" & "Ohio" ahead & 3 in saw "Elys" & "Lucetta"
 ahead under short sail thinking they under the pack
 clear water from N.E. around to S.E. west much for open
 & close several seals and many boobies banded off the
 tracks saw land to N.E. Lat 59-23 No Long

Tuesday May 8th

Commenced with light baffling air & calm
 under all sail working & came up with "Elys" & "Lucetta"
 and they sailed deep pack making around to N.E. & Minnie
 Island 30 miles from N. by N.E. white with sun saw 2
 vessels in the pack to the N.E. saw Walrus banded 23
 for a comm. made got all on board by 9 P.M. and check.

"Rosario" South of Kimmik Island E. I. 1888
 Wednesday May 9th

Comm with a light N.W. wind cloudy weather light fall
 of snow atack on diff. tack. Employed in flensing Walrus
 skins on board the "Secretia" from 10 am to 7 P.M.
 Evening more wind furled foresail & flying jib 5 sails on
 to day distant objects obscure all day Mate & Cabin boy sick,
 brought 500 seals from Capt. Cooke - No Observations -

Thursday May 10th

Comm with light N.W. air & cold, cloudy, Meridian calm & clear
 Evening light - To air cold all day Emp. in packing and
 salting Walrus hide used 7 bags salt for 23 skins on
 board "Young Phoenix" from 1 until 7. Capt. Millard gave
 me 2 empty barrels to put my cabbage in and a small
 quantity of barrel soap Iron Lat 39-23 Long 167-04 West

Friday May 11th

Commencing with Moderate N.E. wind with snow cold
 which gradually worked around to N.W. under all sail beating
 in clear water between strips of Ice Kimmik, at 7 P.M. 5 miles
 bearing from E. to N.W. 5 sail in co. Emp. in hemming sheep put
 38 bags of salt in forepeak bent port chain No Obs. Mate sick
 off duty since Wednesday night (at 10.30 P.M. blowing fresh N
 wind with snow came to an anchor in 14 fms water land
 about 4 miles

Saturday May 12

Commenced with fresh N wind strong & eminent
 at anchor, Ice making off to point of the Island to the West
 3 more barrels came from West today 9 in all and all
 at anchor but one clear all afternoon some distant

"Rosario" @ Anchor off Nunivak Island 1888.
 Monday May 13th

Calm with a fresh S.W. wind thick snow storm @
 Anchor in 14 fathoms, Capt Room of the S. P. West on board
 5 Kzacks from the shore with no trade. Evening moderating
 some wind being off the land or blowing from that
 direction, no swell but strong current setting to the North

Monday May 14th

Calm with a fresh S.W. wind with sun daylight indicating
 Steamer "Thrasher" came from the south and 4 vessels
 got underway ran around point to the N came up
 with the pack and worked back into clear water &
 anchored again. Made 2 fleets today both both
 along west side of the Island some 10 miles and
 anchored in 10 fms saw 2 seal to the South
 working up calm 2 P.M. 5 P.M. fresh S.W. wind again
 several Kzacks off without any trade, whatever.

Tuesday May 15th

Commencing with a strong S.W. wind clear
 tide, morning @ 9 P.M. last night brought a long strip
 of ice down along shore and all the fleet around us
 got underway and ran back where we were
 yesterday we being the last to move except the "Thrasher"
 who remained still being nearer in shore finding
 19 fathoms water off the point we came to the East just
 keeping the S point open and anchored in 16 fms
 during the day the "Abner Parker" & "Bounding Pillow"
 came from the south and anchored. 14 of us now here
 3 P.M. light East wind some swell 5 P.M. fresh S.E. wind light rain

"Rosario" off west end of Minivak Island 1888-
 Wednesday May 16th

Commenced with a strong gale & clear from S.W. at 2.30
 A.M. swell getting up and anchor dragging took it and
 ran to S.W. into smooth water and 8 fathoms and anchored
 again the "Thrasher" and J.A. Howland only at anchor all the
 others got underweigh and stood off shore. Saw the "Hidalgo"
 beating up to the Westward a strong S.W. current of $2\frac{1}{2}$ to 3 knots
 saw some ice to Westward when we anchored. Afternoon
 moderating and at 5 P.M. wind fresh S.E. with rain

Lat - 60.08 N Long 167.09 West which is too far
 East by 10 miles according to Islands position point bearing S.W. & S.E.

Thursday May 17th

Commenced with a fresh S.E. wind with rain at 3 A.M. took
 our anchor and ran off to the S.W. along the land at 7 A.M.
 were off the S.W. end hauled up to the Eastward and when 3
 miles from the land the point bearing S.W. found we were in
 2 fathoms water where on the chart it is marked 10 fathoms
 hauled off shore into deeper water spoke Brig "Hidalgo" &
 "Guine" "Greening Willow" and laid aback on diff backs
 under the lee of the land all day the rest of the fleet
 ran off to the Westward out of sight along edge of pack
 at night wind about East fresh and clear weather sea
 making from S.W. around to our point off East end of
 the Island as far as we can see. Obtained a
 spirit Compass from Capt Williams to be returned
 at San Francisco. also a bag of skulls
 no observations

"Rosario" North of Annville Island N.J. 1888
Friday May 18th -

Came with a fresh S.E. wind and rain thick weather on ship took under short sail working to the Eastward. At 10 we ceased raining West end of the Island S by E. 15 miles wind moderating increased sail bore E. by E. By 12 Grounding Bittern in sight reaching ice abundant. At 1 pm saw the pack to the N by E 11 a m North and at 1 pm N by W in clear water running along east edge of the pack which seems to make off to the NW as we draw North. At 5 pm came in thick fog wind light. At steering N by W under all sail made between

Saturday May 19th

Commencing with a moderate S.E. wind and a dense fog all night under all sail N by W up to 3 a m then N.W. sounding 13 fms throughout. At 5 a m fog lifted, some wind moderating & veering to East with rain. At 2 P.M. passed Back "Mighty Mouse" heading to South at 2.30 came up with Pack ice ranging from N.E. to N.W. heavy and close. Made several tacks to the N and at 5 P.M. a dense fog again reduced sail aback to the S.E. saw one seal this morning to the S.E. but soon ran her out of sight. Sounding @ 7 P.M. 17 fms current setting West

Sunday May 20th

Commenced with light S.E. air and fog under lower sails steering to the S.E. At 7 a m calm cloudy up to pack ice ranging N by E. A big and behoona in sight saw the "Galena" steaming out of the pack and go North. At 9 a m current setting no doubt pack anchored in 15 fathoms. At 1.30 P.M. a light N.E. wind took anchor & steamed on wind E by N all sail. At 9 sail in sight. At 6 P.M. tacked to N by E to find

"Rosario" T. E. Lawrence Island C. I. 1888-

Monday May 21st

Fresh S.E. wind thick fog on diff tacks, aback off and on to the
Ice under lower sails at 7 A.M. while at breakfast the "La.
Howland" passed close across the bow and was so near when
we first saw her we dare not move being on port tack
and the with courses set. 1 P.M. fog lifted, found we were off
to the head of a light in the ice which made around to S. on
one hand and N.W. on the other at 2 P.M. raining hard
saw 6 sail. 6 P.M. dense fog again laid aback under
reefed sails heading N by E wind light E with rain
soundings through the day 17 to 19 fms -

Tuesday May 22

Commencing with light East wind much rain during
night wind veered around to South with fog and
fresh breeze on diff tacks along edge of ice aback
when fog dense saw 4 sail 5 P.M. spoke Bangor
"Northern Light" just from the West reports ice heavy &
close landing N.W. and current setting strong in
that direction No whales seen - evening wind
moderating but still fog rain ceased 10 A.M.

Lat. 62-37 N Long 167-15 West

Wednesday May 23rd

Commenced with moderately South wind fog rain &
snow laying aback on diff tacks, fog at times lifting to see
saw 3 sail 10 A.M. spoke Bangor "Ocean" who saw 2 boats
on Sunday to the South of where we were at anchor spoke
J. P. Mat and all 3 ran off along ice to N by W. wind light
S.E. South East small sails flapping back failed main sail broke

"Josario" I.C. of East End of Lawrence Island 1888
 Thursday May 24th

Came with a moderate E.S.E. wind S.E. swell & hard
 rain storm, aback on diff tacks, under reefed sail 17th
 water. Hail snow rain & fog all day stood in both the West
 tides, and made they see then hauled off - the "J.P. West" to
 the Eastward, & I spoke the "Ocean" had seen nothing
 sounding 19 fms. No seen. No obs -

Friday May 25th

Came with a fresh S.E. wind with swell fog rain & snow
 alternately on diff tacks, under reefed sail through
 the day working to the S.W. along ice pack - saw
 the "Ocean" this morning to the S.E. under short sail
 and the "J.P. West" this afternoon to the S.W. under all
 sail. Afternoon quite clear - seen out could see 5 or 6
 miles for the first time since Tuesday

J. Sumner. Lat-62-23-N Long 169-12 W.

Saturday May 26th

Commencing with a moderate S.E. wind with rain
 snow and fog aback under reefed sail saw a brig &
 a barque early this morning 10 a.m. fog lifting somewhat
 bore S.W. came up with, and passed through a narrow
 strip of fine ice into clear water bore W. & W. and made
 all sail and ran swiftly 6.30 P.M. about 3 knots at
 times, dense fog at others, could see 3 to 4 miles. then saw
 either a heavy strip of ice or the pack from W. & W. & W.
 came in dense fog forced light sail and laid aback
 heaving S.E. wind moderating and barometer rising 9.85
 sounded in 24 fathoms - Lat N 62-12 W. No Long -

Rosario South of St. Lawrence Island working West
 Sunday 27th May

Commenced with a moderate S.E. wind thick fog rain
 snow etc until 4 A.M. when wind light from S.W. and
 partly clear S.W. made all sail in clear water small
 strips and detached pieces of heavy ice occasionally
 10 A.M. saw S.W. end of St. Lawrence Island N.W. by 50 miles
 2 P.M. wind light - S by E cloudy a breeze back ashore
 few birds and little marine life noticed a few walrus 6th &
 Lat 62. 33 N Long 170. 52 W.

Monday 28th May

Came with a perfect calm and dense fog up to 9 A.M. when
 a light westerly wind sprang up slowly to the S.W. wind
 scattering ice in strips with clear water between S.W. end of
 St. Lawrence Island in sight from 11 A.M. to by W 20 miles
 afternoon calm and clear much ice to S.W. and some
 strips towards the land 2 sail in sight to the Eastward
Saw Walrus saved 13 by 7 P.M. a light S.W. wind all
 sail on wind W.S.W. clear water to S.W. some 6 or 8 miles
 sounding 26 fms No observation -

Tuesday 29th May

Came with a calm and light baffling S air clear. Strong
 westerly current - by 10 P.M. yesterday had rounded the
 last strip of ice and came into clear water wind
 freshening from the S on diff tacks through the night &
 clear ice both sides at 7 A.M. clear of all ice heading S by E
 St. Lawrence Island E.S.E. 20 miles 12 M light S.W. wind fog 2 P.M. clear.
 Flouer Bay S by W 20 miles in sight and 6 sail all astern on a
 steaming saw Ripsacks & seals every light S.W. air kindly S by E

"Rosario" @ Floer Bay @ Anchor in a S.E. gale 1888.
 Wednesday 30th May

Commencing with a calm and light baffling S.W. air
 under all sail working on towards the land 7 a.m. saw
 a Bowhead whale going quick to the Eastward, did not lower
 Afternoon, calm with much swell. Nothing so had to lower
 the sails Evening fresh wind from S.E. at 10.30 off East Head
 5 boats came to us and in towing 2 capsized and filled
 had to anchor to save them, in 12 fms water at 12 m in
 blowing a gale dragging payed out 45 fms chain

Thursday 31st May

Commenced with a strong S.E. gale, and clear weather
 Several ships came in and anchored saw one with
 boats down. lowered one boat last night for a whale
 going quick to the Eastward No chance Evening
 wind moderating has been blowing hard off Sechart
 Point as the ships that went that way came towards
 Floer Bay and laid abouts under the high land

Friday 1st June

Calm and ended with light baffling air and calm
 Employed in repairing sails saw "Ripsacks" & whitefish
 Andrew Hicks came from the Westman Cape Bering's ship
 "Lagoda" 1 whale Rated Chronometer

Saturday 2nd June

Calm with light air and a thick fog 10 a.m. clear
 & calm so continued all day shipped 2 natives
 for the crew Emp in breaking out for food & clothing
 Andrew Hicks went East

"Rosario" off Floor Bay, St. J. 1888.

Sunday June 3rd

Commencing with fresh S.E. wind & clear @ 12 M. & Eliza. Helen Mar & young Phoenix got underway for the Gulf of "Holy Cross" & a m Steamer "Galana" came from the East to land fluke a "Floor Bay" has 3 whale reports "Eliza" with 2 - 12 M John Hamilton came from the South West one sail off shore slight rain afternoon -

Monday June 4th

Commenced with light S.E. wind cloudy & a m took anchor and stood off shore 9 A.M. calm with rain and remained calm all day no rain afterwards 4 sail to the Eastward 7.30 P.M. about midway between Floor & Marcus bays 10 miles off shore

Tuesday June 5th

Calm with a calm and a thick fog and so continued up to 12 M when a light S.E. wind and clear 14 sail to Indian point in sight at 5 P.M. bore E.S.E. for St Lawrence Island. Several detached pieces of ice both & saw the first Bowhead birds today off Marcus bay made off -

Wednesday June 6th

Calm with fresh S.E. wind clear weather on diff tracks under broadest sail. At 10 A.M. anchored in 10 fms water and ran Point S.E. 2 miles spoke Bark "Hudson" 11 A.M. ice coming down upon us took anchor and ran to the Westward @ 8 P.M. Earl Head Floor Bay light 6 miles saw the "beam" boiling and 2 ships with boats down

Thursday June 7th

Commencing and ending with strong Easterly winds heavy mist ran down off John Howland Bay and worked back to Floor Bay saw Bowhead twice, landed once. Whales going south & E. saw a Steamer bound West and 2 ships chasing whales -

"Rosario" off "Plover" June 7th A. D. 1888.

At 9.30 saw several whales Inshore going quick, to the E & lowered 3 boats and chased to no purpose wind blowing a gale In gusts and strong current running to the East could not manage the boats recalled them, ran down off East Head and laid aback saw Native boats off whaling -

Friday June 8th

Commenced with a calm and southerly swell 6 A M saw whales Inshore going quick, did not lower at 10 A M ran down off East Head and anchored In 9 fms saw whales lowered 3 boats & chased In co with Native boats had boats off all day 3 P M recalled them, the "Galena" passed bound West this morning and the "Hawhol" anchored off West head this afternoon saw a big off shore afternoon and evening calm

Saturday June 9th

Calm with light-baffling winds clear but much mirage In horizon several vessels In offing saw a steamer pass to the Eastward and at 1 P M the "Galena" came In and anchored with 2 whales Reports "Mrs Galies" & "Prinden" each one whale taken to the westward "J. A. Howland" 2 and 1 whale taken at Indian Point yesterday -

Sunday June 10th

Calm and ending with a calm and mirage, "Galena" went East "Hawhol" and "Ely", came In and anchored. 2 sail off shore. saw 3 "Howheads" going quick, & lowered 3 boats to no purpose

"Rosario" off "Flower Bay" A. S. 1888.
Monday June 11th

Commencing with a calm & breeze and ending with a moderate SE wind. Miss "Young Phoenix" came from the West with 1 whale last night and this afternoon the "Lagoda" came in and anchored. The 2 natives shipped became homesick & this afternoon let them go for good returning all articles advanced tomorrow & purpose going to Indian point to visit others —

Tuesday June 12th

Commenced with a light westerly air, haze fair, current at 3 a.m. Took anchor and under jib only jammed along shore toward "Indian Point" calm most of time. "Hawthorn" passed under steam at 3 P.M. off South West head or point of Marcus Bay light head wind and current anchored in $1\frac{1}{2}$ fms water. 14 sail in sight at "Indian Point" all at anchor. Natives report seeing a whale today. Left "Elyja" "Young Phoenix" & "Lagoda" at "Flower Bay".

Wednesday June 13th

Commencing with moderate North wind clear. Several ships running off to the West at 8 a.m. took anchor and beat up to Indian point by 2 P.M. when came to anchor in 9th point or 4 or 2 miles. Ice came down upon us got under weigh and anchored more to the West. 14 sail here. Ice coming down from the straits off the point going SW.

"Jossam" off Ordinance Point - C.D. - 1888 -
 Thursday 14th June

Came with fresh S.E. wind clear weather @ anchor off the Point 12 sail also. 3 a.m. we with several others lowered and chased a "Ripsack" so many vessels this afternoon I ran to the west of all about 1 mile and anchored in 7 fms calm and clear all the afternoon

Friday 15th June

Commencing with light N.W. wind clear weather at anchor in 7 fathoms spoke Brig "Hedulge" Emp. In calling the poop deck which has shrunk much this day weather at 4 P.M. Brig "Hedulge" ran 5 miles to the westward lowered for a whale at 5.30 lowered 2 boats for the same whale and chased him into the sea off the point 9 vessels with boats down after the same "Jerry Freeman" and "Grampsis" Steamers came from the westward today several ships off shore

Saturday 16th June

Commenced with a light N.W. wind and clear weather at anchor S.W. of the Point several vessels in offing & 9 here at 12 in spoke Lockhart Light reports "Belvedere" & "Penguin" each 2 whales. and that the Western Fleet came out of the Ice on the 2^d 50 miles south of "Floresky" Cape at 2 P.M. took anchor and started for "Hove Bay" wind dying out and light S.W. air springing up came to again in 9 fathoms off "Marcus Bay" "Ocean" and "Abraham Jucker" at anchor to the West of us

"Rosario" off Marcus Bay N. I. 1888 -
 Sunday June 1st

Commencing with light-buffing air clear pleasant weather at 6 A M took anchor and under lower sail worked to the westward, along the land at 12 we passed the "A. Barker" and "Ocean" at 12.30 the latter lowered 3 boats for a whale and 2 native boats & 1 canoe joined in the chase, among them they struck and saved him a moderate S.W. wind and fair current in their favor enabled them to strike without difficulty - natives report 2 whales seen yesterday all going quick East - at 2 P.M. wind light and a strong head current sweeping us in towards the "3 hut Shoal" south West of Marcus Bay anchored in $7\frac{1}{2}$ fathoms water several ships working all latter part of day against quite a breeze from S.W. no other ships seem to have seen whales in sight of us

Monday June 18th

Commencing with a fresh southerly wind clear weather several ships beating up from the point took in stern boat for repairs. Afternoon Capt Tob of the "Abner Barker" came on board evening a dry fog for an hour then clear again saw the "Ocean" boiling Capt Tob capt the "Orchard" with a disabled screw bound to Omakuska for repairs -

Tuesday June 19th

Commencing with a fresh southerly wind a fog bank off shore at 12 M took anchor and ran down to Marcus Bay & anchored in $6\frac{1}{2}$ fms water inside, Inner point $\frac{3}{4}$ mile from the beach about the "Ocean" boiling J. A. Howland here also

Rosario off Indian Point June 20th 1888-

Wednesday June 20th

Fresh southerly wind with fog off shore up to 2 A M when it moderated to a calm and commenced clearing up. 8 A M took anchor and shaped for Indian Point the J.R. Howland In co at 12 M she lowered 3 boats for a whale bound up the straits at 2 P M we lowered 2 boats for what we thought was a sport to the westward but saw no more of it at 5 P M anchored in 10 fms 1 mile from point bearing S. by W. 21 sail at anchor off the north side. Many boats off cruising through tide and some swell here setting to the S.

Thursday June 21st

Calm and clear 7 A M hove up anchor and drifted with the current to the S.E. 10 A M went on board the "Wanderer" sold 5 gals whiskey for 6 boxes Tobacco 2 Schooners and a bark underweigh. The rest of the fleet at anchor at the point at 5 P.M. saw the J.R. Howland chasing whales at 8 P M saw a whale lowered 3 boats J.R. Lambert 3rd mate went on and T. Brown his boatsteerer killed the whale dead with detting gun Commenced cutting at 9 P M calm and clear

Friday June 22nd

Calm and clear 3 A M finished cutting the head. let this rest go as we have no trawls and cleared away the head which we finished by 9 A M and sailed off. wind light West Heaving H under mainsail & jibs 2 sail & South head to Lawrence Bay In sight afternoon 5 sail in sight ahead evening calm & clear

"Rosario" La Gharage, straits off South Head St. Lawrence Fog
Saturday June 23rd

A light southerly wind, clear under jibs and mainsail & 8 a.m. becalmed off South Head St. Lawrence Fog 2 backs taken with canoes off to them, some 2 miles from us see all along shore both south and by fall not broken up 2 steamers a bark and bch to the North making up 10 a.m. a fresh & wind bore South under fore sail afternoon moderating cloudy evening light air South head & 20 miles steering South, no sail in sight—

Sunday June 24th

Fresh & southerly wind cloudy throughout 11 sail passed us bound & through the night under bare sail on diff tacks saw 3 sail at anchor @ the point one a steamer, at 8 P.M. full of fore sail and luffed to aback to the Eastward point—bearing L.P.M. 5 miles wind moderating—saw 3 ships & 2 barks.

Monday June 25th

Commencing with fresh & E wind cloudy aback under mainsail & jibs at 7 a.m. fog ran off to west around the point and anchored in 8 fms water spoke "Ocean" and J.P. Mott both at anchor. natives say saw a whale yesterday and day before through the day dense fog

Tuesday June 26th

Commencing with a dense fog and fresh & wind 4 a.m. cleared up took anchor and ran to the west about a river, anchored in 6 fathoms and took off a raft. "Andrew Hicks" also similarly engaged at 1 P.M. took anchor and stood to the eastward, at 6.30 P.M. calm saw a "Bowhead" hauled 3 boats to no purpose whale going quick & 8.8. calm through night and fog at intervals 7 sail seen

"Rosario" In Gebrings Straits, bound North O.D. 1888
 Wednesday June 27th

Commencing with a calm and fog lifting at time
 Small Island West 15 miles small strips of drift in
 frequent saw a few walrus in the water and 2 seal
 afternoon light southerly but air steering to S.W. under lower
 sail. Eng. In searching ship for bone scrapers ex "Arnold's"
broke out and restored teady room resulted walrus hide
 Thursday June 28th

Light S.W. air with cloudy and overcast weather thick fog
 through night laid aback. 5 A.M. cleared up fine S.W. W.
 strips of ice in various directions. saw walrus going to
 we have searched the ship today for the "Arnold's" bone scrapers to no
 effect. so I gave it up made some myself and have had
 about 1/2 of the whalebone scraped today. at 6 P.M. South head of
 St. Lawrence bearing West 10 miles after running along the
 east edge of ice all day bore East for Kings Island. a canoe
 came to us and report no whale seen so here goes for
 the East shore but I don't believe there are any whales there
 I want wood to burn and must go next to Port Clamier
 1 sail seen to S.W. this forenoon @ 9.30 A.M. passed a dead
 whale with his bone gone and fins & flukes cut off
 evidently one the natives had been working on (small whale)

Friday June 29th

From 10 last night calm. throughout the day a thick calm
 with haze North head St. Lawrence bay N.W. 15 miles.
 Ice making over to Diomedes both in sight & East Cape
 5 P.M. a moderate breeze from S.W. heading E. to under lower
 sail & under sail. a sail S.W. 7 P.M. fog -

"Rosario" bound to Port Clarence S. I. 1888.

Saturday June 30th

Calm with light fog throughout night and forenoon at times lifting saw East Cape & Seamedes at 10 a m at 2 1/2 of Seamedes bearing S. H. W. afternoon light S. W. wind all sail & saw "Andrew Hicks" bound to Arctur, & "Wanderer" & "A. Howland" Heaving for Port Clarence 6 Pm saw 2 Spout whales. finished trapping whalebone

Sunday June 30th July 1st

Calm light-variably windy thick fog under all sail East 9 Pm 14 fathoms by lead bore S. E. 2 a m cleared up light S. W. wind off Cape "Prince of Wales" all through night & forenoon light- westerly air 1 P. M. fresh S. E. wind came to an anchor off Watling place at 5 Pm in 6 fms 5 sail here & 6 at the Seamedes one a 4 Mast Steamer schooner. Weather clear and pleasant.

Monday July 2nd

Light-buffing air & calm employed in working Whalebone very warm day several ships watering here

Tuesday July 3rd

Light-southerly air and fog. Surf in watering ship took off 2 reefs when it began to breeze up from the southerly making so much surf on the beach that watering was very difficult- 2 Pm took anchor & started for the Seamedes fresh southerly wind with fog at 6 Pm anchored in 7 fathoms water 13 boats anchored here sent a boat to 4 Mast Steamer for mail matter who returned with 6 letters for one of the Seamen

Posario In Port Clarence A.S. 1888-
Wednesday July 4th

A fresh S.E. wind with fog and rain at anchor
with 23 vessels all showing branding until nightfall

Thursday July 5th

Fresh S.E. wind cloudy with rain clearing up at
times, banded 16 bundle of Trade whalebone and
21 bundles of the Cutty, marked & numbered "Posario"
trader, marked I and put it below

Friday July 6th

Signs of clearing up wind fresh S.E. afternoon
barn out and indications of better weather waiting
for a chance to get fire wood from the drift on
the opposite side - sent a letter by the "Jeannette" to New York
to 1 to Wright Governor. Saturday July 7th

Commencing with a moderate S.E. wind fog and rain
lighting up at times @ 4.30 a.m. took anchor and made
sail bound to Point Hope to find the "Thetis" at 12 m
was off Cape Prince of Wales having steamed N.E. to Cape
York and then W. - hauled up for the Governor
H. but it commencing in dense fog bore West and
with a mod wind gradually veered to the North
until 6 P.M. when we were steering S and the wind
let go - one sail seen today following us -

Sunday 8th July

Commencing with a moderate S.E. wind and a dense fog under partial & light sail
At 6.10 a.m. saw a small patch drift ice. 12 m light East wind made all sail
paned "Ora" steaming E. 3 P.M. land from E. to W. distance 6 P.M. calm clear
East fog mist. 12 M. saw 2 sail North of Point Hope

Rosario @ Point Hope A. D. 1888.

Monday 9th July

Commencing with a fresh S.W. wind cloudy passed Point Hope at 5 A.M. and ran down to Big "Kidalgi" at anchor some 10 miles north of St. went on board found "Tom Pope" had not been seen - Orca had been to Point Barrow. Station, there, had 1 whale. 2 or 3 ships were at the coal mine, commencing in fog with stiff breeze ran back to the S. towards the point. parted through 2 ships of Ice Runnel off chain mat - and damaged stem some must drift ice commencing off land attack repaired mat and put it on and at 4 P.M. anchored in 8 fathoms point N.H.W. 2 miles "Kidalgi" & "Wm Galies" here evening "Grampus" & "Heike" & "May and Susan" came in J. H. Freeman passed to the North

Tuesday 10th July -

Commencing with fresh S.W. wind cloudy nebulous - mainsail for repairs. Capt Guin from station on board reports having taken 2 whales - natives 19 pieces of mail - evening moderating ice about all gone off shore Lucette came in and anchored to the East. Matey on board brought me a letter from Honolulu for Mrs Parker by Eric

Wednesday 11th July

Commencing with fresh S.W. wind, clear inclined to moderate freshened and broke the mainsail during the night - forenoon clear light southerly air and dense fog J. A. Howland came from the south May & Susan & "Wm Galies" & "Grampus" sailed for the North afternoon fog up to 5 P.M. when light west wind & clear today anchor for Cape Thompson for water & wood 8 P.M. used in whale

Rosario @ Cape Thompson for fresh water A.D. 1888
Thursday 12th July

Commencing with light-breezy air and clear then calm
Last night when we were aboard the "Two" whaling station
we saw a number of large Gouweels going towards the point
close in to the beach they were 8 vessels at anchor and
underweigh and all lowered. An Fisher, 2^d mate was the
only one that struck, and by midnight we had the whale
alongside, cut off his head and turned the body over to
Mr J. A. Howland we having anchored again in Hopt's
Afternoon fresh N.E. wind at 2.30 took anchor and at 7.30
anchored off Cape Thompson for water strong current against
wind quite rough. Young Phoenix "Ocean" Helen "man" came from
the South and anchored off the point several ships in offing -

Friday 13th July

Commencing with fresh N.E. wind, which by 5 A.M. had
moderated to light West air, clear pleasant weather,
laying in 7 fathoms within 1/2 mile of watering place
bottom plain in sight took off 2 rafts of 22 casks of
J. Wey best water on the coast and at 7.30 P.M. took
anchor and made all sail bound some 5 miles to the
westward, for fire wood saw a schooner come from the
South bound towards point Hope. Saw whitefish -

Saturday 14th July

Last night -
At 11.30 came to an anchor some 6 miles west of Cape
Thompson in 7 fathoms Intending to look for wood
at 1 A.M. came in dense fog with light N.E. wind 5 P.M.
light N.W. air signs of clearing up 7 P.M. clear sent 4 boats off
2 boats drift wood for firing -

A fine westerly wind and clear weather, 7 A M took anchor and made for "Point Hope" at 11 A M rounded point to the S and anchored in 5 fms the point bearing S by W $1\frac{1}{2}$ mile 23 fms at anchor here with the "Thos. Pope" tender. received mail 25 boxes potatoes & 1 box Onions - evening wind S.W. mod with swell "Hidalgo" "Lana" & "Feliza" left for the North -

Light air calm and clear weather, @ anchor north of point
In 3 fms water scraped and washed the last whale bone
stripped, per Photo. Pope 2 casks skins grazing 954 122 galls
containing 193 white fox, 20 Red, 2 large & 3 small Beem - 1 wolf
21 Lynx - 20 Rabbit - 20 squirrel - 66 Mink, 41 Ermine - & 4 Beaver
1 Pine and 4 barrels. 36, & 28 gals. Ivory 1167 lbs. - 16 bundles of
tradey whalebone 1490 lbs. - and 21 bundles Dutch whalebone
2329 lbs. - evening light & wind -

Commencing with a calm and clear pleasant weather
at anchor 2 mi in travelling while which was down
and put on board the Photo by 9 a m 19 bundles
weighing 1968 lbs of the catery and 1 bundle of the Trade
bone weighing 86 lbs Total weight of 56 bundles was 5753 lbs
Cately numbering viz No 1-120-120-99-3-93-4-102-5-107-6-105-
No 7-86-8-108-9-95-10-98-11-107-12-99-13-90-14-109-15-112-16-99
" 17-105-18-98-19-112-20-120-21-155-22-122-23-103-24-117-25-102-26-130
" 27-127-28-119-29-128-30-110-31-122-32-118-33-99-34-86-35-82-37-124-38-66
" 39-102 Total 4177 lbs - No number viz 112-55-111-104-98-70-122
80-82-93-97-90-92-92-94-78-86-Total 17 bundles 1676 lbs In all 5653 lbs

"Rosario" leaves Point Hope for the Coal Mine, east Cape Lisburne,

at 11.15 a m a light S.W. wind, took anchor and made all sail for Cape Lisburne, leaving the Schoke at anchor the schoke "Hamilton" In co. a bark West of Point Hope arriving at all the rest of the fleet gone North saw Kellers & Whitfish sent letters to Wright-Gowen & Co - Geo Douglass - Mrs E. J. Parker Miss E. L. Parker - Miss G. M. Parker. Mrs L. J. Sampson - and a postal card to J. Homer Foster - light air with fog though night working & under all sail

Wednesday July 18th

Commencing with light baffling air and fog up to 7 a m then clear rounded Cape Lisburne to the East at 11 a m within 1 mile 13 sail in sight all working & calm and light air, clear weather all day at 6 P m Cape Lisburne W. 1/2 S 5 miles

Thursday July 19th

Commencing with light S.W. wind and clear weather at 3 a m came to an anchor off the Coal Mine, In 6 1/2 ft water sent In 2 boats for coal at 1 P m first breeze from S.E. got underway to work near the Mine. Came on to blow heavy so many ships here had to come to an anchor. dragging off there payed out all chain on port side and dropped Starboard anchor afternoon more moderate took off 43 sacks of fine coal evening blowing fresh again took up the boats 23 sail here this morning several left. The "Orca" came from the South. "Secretion" here. & "Hunting" also -

Rated Chances

Rosario off the Coal Mines @ anchor A.D. 1888.
Friday 20th July

Friday 20th July

Commencing with a strong S.E. gale with rain abundant
and hails at times, & a man sent on our boat who returned
at 12 with 13 bags, took up the boat, weather too bad to work
steady rain, all afternoon, evening and midnight, west from
of one anchor 9 P.M. light S.E. with rain throughout.

Saturday 2nd July

Commencing with light S.E. wind and rain some snow
too much surf to work boat several ships sailed spoke Ocean
replied 3 men deserted. "Shedden" Steamer arrived from "Alaska"
with repaired screw. Evening more moderate no rain sent boat
to prospect - at 9 P.M. boat returned, one man short
James Fitzgerald had deserted too much surf to work
coal - rain and moderate wind, heavy to dull

Sunday 22^d July

Commencing with a moderate N.E. wind cloudy weather and
fine rain 7.30 a.m. took anchor and stood over toward
the coal mine some 2 miles from where we were at anchor
and anchored in 8 fathoms $\frac{1}{2}$ mile from the shore took
off 5 boat loads making about 6 tons in all took up our
washed out the boats and shifted fresh water to trim the
ship we were then 18 fathoms by the shore. 2 steamers 3 boats
and 1 schooner at anchor here several canoes left the station
for the north and the natives say that Stignold who
stayed all night in a native house went with them
evening light calm wind & smooth and no rain several
canoes coming & getting water. The changeable weather has forced
me to work today against my wish.

"Rosario" working towards Point Gamou A. D. 1888.
 Thursday 26th July

Commencing with fresh S wind thick fog at anchor
 In 7 fathoms water 12 vessels in sight at anchor
 at 1 P M took anchor and under reefed sail thro' to
 the S with a fresh East wind and clear weather
 at 4 P M with a number of vessels at 4 P M came up with
 Jack Lee tacked to S. at 5 P M off South "La Hara"
 Island tacked to S under lower sails by behind the
 Islands full of ice but off shore clear and fresh some 10
 miles off shore strong S S of current weather clear and
 cold - working up all night - she too much by the stern
 does not seem to sail well at all

Friday 27th July

Commenced with fresh S E winds clear weather
 under all sail working up towards Point Gamou
 at 4 P M anchored in 4 1/2 fathoms just south of
 the point 18 vessels here. Several went south on the
 top of the point and all steamers except "Loretta" put under
 way. The "June Jay" came this evening - through the night
 wind tending more to the Eastward and moderating I sail
 off shore working up - let "Jenny Phoenix" have 30 lbs coffee
 took order -

Saturday 28th July

Came with light E S by S wind clear weather forenoon
 wind veering to S W moderate Afternoon light west wind
 several vessels went around point Evening several
 returned wine freshening 1 boat ducking - returned with 10-

"Rosario @ Point Barrow" A. I. 1888 -
 Sunday 29th July

Came with moderate West wind cloudy 2 ships that went around the point came back and anchored saw the others to the South beating into the Eastward several ships lowered for a "muzzle digger" going both "Hector" & "Goulding" started South but returned with 15 ducks wind at 11 a m dr & fresh & cloudy. Found Roudehead bore to steering gear had to wedge it myself if it is Sunday! - by 5 P. M. all the vessels South of the point came back and anchored many of the outside ones fledged ashore and we ran to the South some 2 miles and anchored in 3 1/2 fathoms water within a mile of the trading station wind fresh from the SE. all the steamers are both South

Monday 30th July

Commencing with moderate West wind cloudy at anchor in 3 1/2 fathoms We gradually coming around the point and working ashore several ships fledged both South Canoes off with ducks bought about 50 each one as large as a small goose. went on board "Wanderer" to procure

Tuesday 31st July

Commenced with a moderate West wind cloudy for all night Ice forming on the rigging at 4 a m settling down came down freezing all hands to get underweigh were anchored off Cape Smith but a number of us went off to the West afternoon blowing fresh and wind veering to the East with fog and mist all day steering from NW to S along fresh 6 P M seemed to be off a point bore I pushed fast forward -

"
 Rosario off Cay Cape A. I. 1888 In a gale
 Wednesday August 1st 1888

Comm with a hard East gale and rain 7 P.M. last
 night - redneed to double reefs and heaved to wind S.

11 furlled mainmast & jib blowing heavy from East with
 short swell. Tossing about most uncomfortably on diff both
 6 sail in sight 6 A.M. rounded in 11 fathoms with the
 S under double reef foremast & stayed. rain all forenoon
 12 M in 23 fms Afternoon calm high breaking swell
 furlled foremast & studding 2 P.M. clear and light S. air
 2 sail in sight - by Linnec about 25 miles to the S. by Cape

Thursday August 2nd

Comm with light - breezy air and clear set all bare sail
 @ 6 A.M. and stood on wind E. Sailed 13 sail in sight -
 made land about 10 A.M. 12 M off Point Belcher stood both
 S with wind light - East at 3 P.M. anchored in 10 fathoms off
 several abandoned huts south of "Belcher" vessels at anchor
 just to starboard as several came from the N and some went out
 of sight in that direction Evening strong to S wind clear
 strong to S current 2 knots. Ice pack 15 miles off then a scho-
 went out of sight to the south. Painted, darkened boat -

Friday August 3rd

Commencing with fresh S wind clear "The Bear" anchored to
 S of us 10 A.M. wind freshening took anchor and ran
 to the S. Anchored 1 mile south of Sea Horse Island in 10
 fathoms Afternoon blowing hard S. 4 M let go studding anchor
 6 P.M. parted studding chain 30 fms but on kedge let go
 Port chain parted some up kedge set double reefs on wind N by S
 weather thick rain blowing hard lost 20 fms port chain

"Rosario" meets the U.S.S. "Albatross" off Pearl Bay T.I. 1888.
 Saturday August 4th

Commenced with a subsiding gale from the N with rain on diff tacks, under double reef between ice and land by 4th we had all lower sail set wind dying out fast and clearing up. put fluke chain on bow kedge for an anchor at 1 P.M. came within 3 miles of land in 11 fathoms anchored to hold on against the current several vessels in sight to & F. at 3 P.M. a light N wind bore up anchor and made sail with 8-5.30. P.M. spoke "St. Jean" Capt. Healy who loaned me 2 anchors 660. and 800 lbs weight which makes us all right again. also received letters from wife and children dated in 2nd May put anchors on bow and bore met under lower Reils wind moderate N and clear coast and sea in sight - mid water wind light with rain

Sunday 5th August

Comm with Moderately South wind and rain on diff tacks, ice and sea Horse Island some 20 miles distant and both in sight saw Walrus on ice but wind blowing on could do nothing with them 9 A.M. kept off E by N stood in towards land and ran to the N within 2 miles of it until 6 P.M. when we anchored South of Point Barrow with mid wind light S.E. cloudy weather smooth sea 29 vessels within a radius of 3 miles both sides of the point including the "St. Jean" and "Albatross" we lay in 4 fathoms with 15 fms chain and Starboard anchor. "Fleetwing" & "Grounding Pillar" not here 2 Steamer to the E.

"Rosario" @ anchor again off Point-Jamou 1888.
 Monday August 6th

Came with a fresh South wind, cloudy weather, 2 A M
 hove up anchor and ran around N side of the point
 and anchored in $3\frac{1}{2}$ fathoms $\frac{1}{2}$ mile N.W. of the hub
 The "Mary & Susan", "Flectwing", "Young Phoenix" and the new
 schooner "James Gray" were all wrecked on Friday night 3rd inst.
 on the shoal north of the point - the M & S lies on the
 beach ahead of us the "Flectwing" some 8 miles to the Eastward
 and the J.P. and schooner have drifted off to the N.W. out of sight.
 The cutter "Bear" came in collision with the "Reindeer", the "Eliza"
 and "Founding Pillow" - and the J.P. and Tison were all in
 collision at Intervals. vessels are abandoned but no loss of life
 Many lost anchors and a general smash up was the result
 obtained a fluke chain from the "Eliza" to be returned in
 San Francisco which we have added to our port chain and
 makes us all right - again with anchors and chains
 a steady South wind all day clear weather, painted
 Starboard boat. Many of the ships, wrecking the M & S
 who dropped off into deeper water and anchored to night
 "Jehaza" went East - and a number of the fleet have
 gone up to the "Flectwing" and anchored to ship her
 supplies. a boat from the "Bear" came on board to take
 up of our stock of contrabands - Put letters on board
 her for Mrs. Gaskin - Wright & Jones & Geo & Douglas
 All the fleet are now north and east of the point.
 The Captains and crew of the "Soreheads" are all on the
 cutter "Bear" who takes them to San Francisco via St.
 Michaels. Indian Point - "Samalaska" & "Karnainio" -

"Rosario" @ Anchor off Point Barrow A.D. 1888.
 Tuesday - Monday August 7th

Commencing with light baffling air, calm & clear evening moderate N.E. wind 6 P.M. took anchor and anchored in 4 fathoms water on south side of point bearing N.E. $\frac{1}{2}$ miles several vessels came round. I went off to meet a number at anchor near wreck of "Electing" saw smoke from 2 steamers to the East. "Bear" went East to rescue of ship "Alton" reported in sea. Wreck of "Mary & Susan" abandoned and set on fire by Capt. Tucker of the "Lagoda" still in sight - burning and drifting off to the N. bought of Capt. Kelly Jacques "Eliza" the screw wheel of the "M & S" for \$20 - completely and an anchor 1000 lbs weight for \$45 - gave order Wright Gun & Co. put a letter for Mrs. J. Sampson on board "Eliza" to go by "Bear" on return. weather looks threatening to the S.E. with falling barometer concluded to wait until more favorable to go when painted, Bow boat and lower part of boat damaged - Put in Coal Pen the diamond screw and side shaft in 1 piece! 2 Iron clamps for rudder head! 2 bed plates and the wheel. 6 pieces in all - and in a box in Cabin locker! - there are the screw bolts 2 wood screws and 1 ball valve. A boat from the "Kothman Light" 15 miles brought news that the ship "Jane, Gray" had been found by Capt. McKinney who sent for the "Bear" to assist him in saving her. Instead of the "Alton" before reported in the sea. Evening S.E. air had rain shown

"Rosario" @ anchor north of Point-Garrow. 1888.
 Wednesday ~~Thursday~~ August 8th.

Commenced with a moderate S.E. wind with rain, which gradually veered around by S to S.W. and commenced blowing fresh. 3 A.M. thick fog 3-30 clear took anchor and ran around to the S.E. and anchored in 5 fms point bearing S. S.W. 3 miles 1/4 mile in sight anchored to the east of us. Fresh S.W. wind cloudy and strong current S.E. all day. "Pindeen" came from South and anchored and "Jag" steamed by us @ 6 P.M. exchanging colors and sound out.

Thursday ~~Wednesday~~ August 9th

Came with moderate S.W. wind freshening with cloudy weather, 6 A.M. fresh wind. Number of ships went East spoke the "Ocean" who reports the "Luo" schooner on Cape Smith took anchor and dropped to the Eastward from 5 miles from the point bearing S. S.W. and anchored in 6 fms water. The "Lagoda" "Ocean" & "Mans" at anchor here all rest of fleet gone East - can see the "Luo" on the beach between Cape Smith and the shooting station - the "Flectwing" lies to the East of us 2 miles on her starboard broadside, with masts out away - jibboom & bowsprit standing. Evening moderating.

Friday August 10th

Came with a moderate southerly wind cloudy 6 A.M. took anchor and stood to the Eastward & co with "Ocean". "Mans" & "Lagoda" stayed at point. Steady E by N & S.E. wind all sail. Saw 2 steamers come from the S spoke a buoy & soon back followed them wind S.E. & rain a strong current carried us off shore off morning stood to shore then we ran south by light house S and land passed much wreckage & the "Jag" "Jag" in beam and full water.

"Rosario" @ Anchor North Point-Garraw "Ct. I. 1888-
 Saturday 11th August

Commencing with fresh S.W. wind with rain steering
 T.W. & I under all sail last night at 9 P.M. when it came in
 thick, reduced to mainsail and jibs 9.30 found soundings
 10 fms from 2 yesterday afternoon up to that time had been
 off soundings. @ 10.30 Anchored in 7 fathoms The "Gear"
 who has come back and the "Thetis" W.P. Man of War
 and 3 tacks anchored here during night moderate S.W. in
 a S.W. gale Point in sight 6 to 8 miles took anchor
 and stood in shore for shelter. 9 A.M. anchored in
 6 1/2 fms. wreck of "Flecting" L.C. 3 miles 12 M. illuminating &
 clearing up the "Gear" gone to the south not in sight. - 6 P.M.
 Moderate S.W. wind with fog - "Thetis" fled to shore -

Sunday 12th August

Commencing with a subsiding S.W. gale 3 A.M. calm & thick
 fog & light S.W. wind clear took anchor stood toward point
 a boat from "Thetis" brought Capt Emory on board who reports that
 on Friday in co with the "Gear" they were in search of the "Jane Gray" to
 right her up but not finding her abandoned the pursuit at the very
 time I was so near her - I told him of her position & marked his
 chart as near the location as possible and he started off to the westward
 and went out of sight to S.W. Afternoon came in thick with rain
 beating up along shore until 6.30 P.M. when we came to an anchor
 in 7 fms waiting for better weather - The "Eliza" Sagoda & "Mass" went
 off to the westward around Point Garraw and last night a square
 rigger was seen coming from the south who probably anchored off
 Cape Smith wind through the night veered around by E until it was
 S.W. rain fog and fresh breeze all night -

Nosario East of Point Gamow of Point-Tangent
Monday August 13th

Commencing with a subsiding N.W. gale rain and fog
at 10.30 a.m. It cleared off saw the coast and I sail to the E
took anchor and made all sail to the East back of fog and
cloudy all day steering E by E & curving N & E 7 fathoms at 4.30 calm
and fog anchored in 7 fathoms Much feed in the water and
numerous Bowhead birds some scattering heavy pieces of heavy
drift ice shore distant probably 5 miles a point which I call
Tangent Light 5 to 6 miles - all through the night rain &
wind freshening from the N.

Tuesday August - 14th

Commencing with a fresh S wind and rain 4 A M changed position on a S of Ice coming down upon us at 6 A M saw 5th sail running off per "Point Barrow" wind again with rain from S took anchor and bore S by W under full S fore sail at 10 A M saw the wreck of the "Electing" and at 12.30 P M anchored in 4 fathoms point bearing N. by E. 7 mile dist 5 whalers & the "Thetis" at anchor on south side the latter having the "Janez Greg" fast to a heavy spar right side up and spars all standing showing she had forced her way over jumped her out and now she will probably be sent direct to San Francisco. by 6 P M the wind had veered around S by East with rain thick weather and fresh breeze looks as though we would have to dodge the point again. News from the bark "Wander" reports the Hunter having taken the only whale seen & some of the ships had been as far as Bering Island & Curden Bay and were coming back the steam whalers had gone East no see to prevent and the ship "Hoy" was coming back to the point

"Rosario" @ Anchor In a South gale off "Point Barrow"
 at 7.30 P.M. it commenced to blow a gale from the South
 bore up anchor and ran around on N side of the point
 anchored in $4\frac{3}{4}$ fathoms point bearing SW $2\frac{1}{2}$ miles
 all the other vessels came around and anchored the
 "Shelby" with the schooner in tow. Sloop "Fry" anchored here
 at 8.30 dragging let go port anchor for the first time
 since we took it from the "Beau" 10 P.M. blowing heavy with
 rain

Wednesday August 15th

Commencing with a heavy S.W. gale laging with both anchors
 ahead 6 A.M. commenced moderating by 10 A.M. calm & clear
 a boat from the sloop "Fry" reports the "Kentic" with one whale
 the steamers were at Harrison Bay "the Fry" had been to
 Camden Bay and had seen no signs of whale. Afternoon
 went on board the "Abraham" where Capt Emory and his
 staff of officers and Governor Swenfurth of Alaska were gathered
 Capt Emory says he found the "Jane Grey" about 10 miles inside
 the ice when we saw her last - calm all afternoon evening
 light S.E. air "Shelby" and some of the ships went around with south
 of the point weather still threatening with S.E. a dark bank
 hang there constantly raising but the wreck of "Flecting" on
 fire this afternoon - gave Capt W.H. Emory a letter for Mr. Jackson
 and one for G. H. Douglas. light S.E. air all night with fog

Thursday August 16th

Commencing with light S.E. wind 6 A.M. today anchor ran around
 of point and anchored off "Shooting Station" spoke J.P. West several
 ships East commencing south in sight - one seen Capt Korn rept-
 1 steamer gone W. Andrew Hicks 1 whale evening fresh & wind rain
 a dark cloudy bank to the S.E. Barometer falling 29.750 -

Rosario @ Anchor with the fleet @ Point Barrow 1888
 Friday 17th August

Commencing with calm light variable wind thick fog @ times and cloudy weather 17 whales the W.T.P. "Thetis" and her wrecked prize "Jane Grey" all at anchor on South side of the point. Hunter arrived this morning with the rescued boomer sails etc of the scho. Evening light west air & fog and so continued through the night

Saturday 18th August

Commencing with Moderately South wind cloudy weather during forenoon Afternoon wind light & nearly all fleet got underweigh and at 3.30 we took anchor and ran around the point intending to anchor on North side at 4 when off the point wind came out NW backing to SW set all lower sail when about the "Thetis" off South side of the point wind came out NW heading S.W. by S. 1 reef in mainsail Abner Barker in command the "Grounding Billow" astern, red of fleet craft 3 at anchor with "Thetis" gone East - Evening cloudy with rain 6.30 set Topgail by Hood on 027- 7 P.M. wind mod W by S heading S.W. "Ocean" & "Thetis" with the "Jane Grey" in tow following astern - Capt Emory says he will keep the scho in tow until he reaches Comalaska where he will heave her down and thoroughly repair her change botty paint and masts and send her in charge of an officer direct to "Man Island" Navy yard San Francisco then turn her over to her owner Capt Wm Kelly. The "Thetis" will return to the Arctic and remain the season throughout -

"Rosario" off Sea Horse Islands working to Westward / 88
 Sunday 19th August

Commencing with moderate West wind with snow squalls. came up with the ice last night at 10 PM heading S.W. & W. worked around it with South Sea with 4 vessels during forenoon running along pack to S.W. afternoon wind light S.W. heading S.W. & W. 7 PM worked to W. of Sea Horse Islands S.W. 5 miles cloudy but otherwise clear Taffrail log 75 - could just see point Belcher from the deck worked all sail Lat by Tamm 70-32 or Salt-meat turning bad threw overboard 1 Hk. Log 50 158-45 West First S.W. wind all night and clear on diff tacks between Sea Islands some 20 miles apart.

Monday 20th August
 Commencing with fresh S.W. winds and squall of frozen mist standing in there 8 A.M. Sea Horse Islands bore E.S.E. 5 miles wind veering to West set all sail on wind S.W. & by taking the wheel myself we managed to pass them against a strong S.E. current by 9 A.M. they bore S.E. 5 miles and we skirted along the shore within 3 miles until 12 M when "Point Belcher" bore S.W. 10 miles fished the topsails and all afternoon heading S.W. with good breeze. Evening moderating and heading S.W. & W. sounded in 33 fathoms. No land to be seen cloudy! the chains that we have had so long over the bows came apart and we took it in! considerable whale feed noticed this afternoon. Mates again sick off duty! though the night wind died out to a calm

Osario North of Vez Cape C. I. 1888-
 Sunday 21st August

Commencing with a slick, calm and cloudy weather land in sight to S.E. and East rounded in 23 fms water at 12 M a light N wind bore W.W. under bare sail and M.P.M. staysail. saw a Finback whale, Brownhead birds and seals considerable whale feed. Evening moderate E.S.E. wind, rain hail and gloom during night - laying aback considerably, night now lengthening

Wednesday 22nd August

Commencing with moderate S.E. wind cloudy gloomy hail & rain with fog @ intervals steering along the lee under foresail from S.W. to W.W. passed a few walrus on the evening fast breeze, seem to be off a point of ice too gloomy to see far Lat by estimation 71 Long 163.23 west

Thursday 23rd August

Commenced with a fresh S.E. wind and thick fog last night at 7 P.M. fueled foresail and ran S.E. until 10 P.M. when luffed too aback to the Eastward during night wind veered around to N.W. and then West with snow squalls reduced to double reefs and Staysail heading S.W. blowing fast high sea Afternoon moderating went to N.W. 3 P.M. rounded 26 fms Lat 51-00 N Long 165-00 West -

Friday 24th August

Commenced with fresh West winds with snow squalls under reefed sails heading to the S.W. to 3 A.M. then went to N.W. set down sail & jib all through the day heading from S.W. to N.W. afternoon squally reefed down on fore & E 10 am 2 sail off lee gunter, commencing after Lat 71-45 N Long 164-40 W

"Rosario" N. W. "Ice Cape" up to Ice Pack among Whales/88
 Saturday 20th August

Commenced with a moderate West wind cloudy with snow squalls laid aback last night until dusk heading to N. H. W. then wore to the South aback until daylight. At 2 pm 5 sail & the Ice in sight. Snow squalls frequent 9 a m saw 3 whales once then lost sight of them saw 2 backs chase whale to the Ice and saw the "Ocean" chase one to the Eastward in clear water for over 3 hours. All the rest gone W but a 2. Afternoon wind fresh L. W. & clear Lat 71 = 48 N Long 164. 19 W.

Sunday 21st August

Commenced and ended with a gale from South to West with rain, snow, hail, and general bad weather, sun out at times between squalls and clouds look windy 3 sail, and a Bowhead seen today latter going quick to the Westward. Walrus in water and getting on ice under reduced sail on diff tacks Lat 71 = 55 N Long 164. 3 W.

Monday 22nd August

Commenced with fresh West wind, with snow squalls under reefed mainmast working to windward came up to ice at 9 a m and worked through scattering ice up to pack saw walrus in the water evening fluctuating spoke Banks Northern Light who left the point on the 24th report see coming in fact some ships at point supposed to be that in "Sea Breeze" & "Raindeer" and ourselves & co of 49 On "Ocean" to L. "Raindeer" saw 2 whales today going Westward evening wind very light South heading S. by E. Rose new hulls in afternoon - Lat 71 = 42 N Long 165 about.

"Rosario" Working to the Westward A. I. 1888.

Tuesday 28th August

Commenced with a calm gloomy weather snow and hail showers frequent. Forenoon light southerly air & sail in co steering to the westward. Saw walrus seal & bear in numbers. At 1.30 saw a Bowhead going to right hauled and chased until 6.30 wind then light S.E. and clear. found we were running into a light of ice hauled up S.E. & to clear turned reef out of the mainsail. served out clothing to crew No 66 -

All through the night steering from S. to S.E. to clear ice to the West

Wednesday 29th August

Commenced with a fresh S.E. wind clear made lower sails from S.E. to S.W. to clear ice. 6 a.m. ice made off to all & sail in co of yesterday's fleet. by 10 a.m. blowing fresh and cloudy reefed sails and furlled jibs came up with a fleet of 5 vessels working to the East 11 a.m. luffed to wind E by S away from ice fresh S.W. gale all afternoon glass in sight all heading to E by S. Lat 71-20 Long 165-02 West

Thursday 30th August

Commenced with a strong S.E. gale cloudy with rain heading E by S made single reefed foresail double mainsail and forestaysail. passed the "Ohio" & "Abner Barker" last night about 9 P.M. to the windward of them who when we luffed to yesterday were 5 miles off our weather beam at 10 a.m. much rain 2 p.m. calm high sea dense fog 4 P.M. light south wind heading E by S -

"Rosario" Cruising for Whales In the Arctic 1888-
Friday 31st August

Commenced with moderate southerly winds with
fog rain & gloom 6 A.M. clearing up some sun
4 1/2 P.M. fog much rain luffed to wind E.S.E.
11 A.M. wind moderate veered to S.W. then fresh-
ening & clearing up heading to S under reduced
sail saw many Bowhead birds & few seal thought
forenoon afternoon did not see any 6 P.M. a
west gale confirmed saw heading S.W. noobs

Saturday 1st September

Commencing with a moderate S.W. wind fog rain & snow
Heading to the S.W. under staysail. forenoon calm
thick afternoon light East wind thick fog scattering
Ice to the N.W. & W one sail to S.W. 3 P.M. spoke Bark
"Mars" Capt. Devel reports Ice makes around to 70 miles
south of and on the Herald Shoals saw a whale
yesterday going quick west. Evening dense fog
& P.M. clearing off and shutting down Barometer rising

Sunday 2nd September

Commenced with moderate East wind much
clearing and fog at times lifting. 6 A.M. light fair
stood to the Eastward, came up with ice 8 A.M.
saw 3 sail 1 with boats down afternoon dense
fog slight rain wind light East standing to
under lower sails rounded in 23 fms water
saw several walrus in the water and 1 dead on

Lat by T. 8-30 A.M. 72-15-N

Long do do 164-45-W

"Rosario" Cruising North of Cape Cod I. 1880

Monday 3rd September

Comm with light-variable E and dense continuous fog and calm at times aback heading from S.W. to E. can hear the horns of 2 ships at 1 P.M. Sun out bright but dense fog and nearly calm saw a Bowhead close to ship lowered 3 boats to no purpose 3 P.M. boats returned - 5 P.M. light-W air fog lifted saw 5 sail 2 to W & 3 to the South scattering Ice 3 miles E.S.E. 6 P.M. calm & clear at 7 P.M. saw 2 Bowheads Breaching & Leaping heading to the S.W. lowered 3 boats to no effect who returned at dusk saw and heard 7 to 10 whales and saw the 3 ships to the W chasing at dusk laid aback heading S.W. wind light W & clear
Sam Brown a Boatsteerer dropped the only pair of Marine Gulls we have from aloft and broke them. Thick fog all night

Tuesday September 4th

Com with a light-West air and fog squalls aback heading S.W. 5 A.M. a whale came close to ship lowered two boats to no purpose all through forenoon a dense dry fog saw a whale once 12 M clear bore S.E. 3 sail in sight - saw the "Wm. Galois" take a whale. lowered 3 boats again @ 3 P.M. for a frightened whale came in fog recaptured them 4 P.M. clear & pleasant - Ice in sight - S.E. Lat - 71-50 N Long 164-41 West

Wednesday September 5th

Commencing and ending with moderate South wind fog snow sleet & etc. at intervals dark cloudy weather continuously saw 5 sail and several whales lowered twice and lost run of them - saw the "Andrew Hicks" & the "Behedese" "Inertia" & "Orea" each with one whale since we left the point - 7 P.M. thick fog -

"Rosario Cruising In the Arctic Ocean N. I., 1888.

Thursday 6th September

Commenced with a moderate S.W. wind thick weather with fog snow and rain up to 3 A.M. when wind came out from the N.W. with fine snow squalls cold fog up everything - 6 sail and the Ice in sight saw a number of whales going quick to the westward turned twice to no purpose evening spoke J.A. Howland "who report the 'Grounding Gillon' having taken a whale on the 4th & 6 days ago having left point Barrow the 'Orea' 'Gelucien' & 'Inception' each having taken a whale there. the 'S. Palmer' & 'Victor' and 2 others still at the point Capt. Peden of the 'H. Hamilton' having fallen from aloft and seriously injured. Evening light - air clear & cold 'Mars' only boiling

No observations -

Friday 7th Sept

Commence with a calm and clear weather 4 A.M. light East wind 7 sail and Ice in sight saw 1 whale once going quick, somewhere did not know. Afternoon all of us run to the westward. Afternoon light part wind fresh S.E. with fine rain hail up to the South 'Mars' only boiling Lat 71-35 - L. 70-10

Saturday 8th Sept

Commence with a moderate S.E. wind with fog steering to the Southward under mod sail daylight saw Ice to 10 miles. Along edge of pack forenoon fine mist squalls wind gradually veering around to S.W. No sign of a whale 7 sail ahead 3 astern they all outstand as before the wind fresh makes S.E. all day Lat 70-50 W Long 167-24 W

"
 " Rosario running to S.E. along edge of Ice pack N.D. 1888-
 Sunday September 9th

Commencing with light S.W. wind thick fog 10 P.M. buffed to
 wind aback to the East - 4 A.M. clear kept off S.E. under all
 sail. 10 vessels in sight - 1 steamer the "Hidalgo" of Kailua
 "Forming Green" R. Hicks "M. J. J. J." and 2 others ahead 3 others
 wind at times very light and dead off - they all outbail us
 solidly pack to the west that we are skirting. at 2 P.M. saw 2 icebergs
 lowered by mistletoe 3 P.M. steering along pack S.W. a steamer astern
 wind freshening from S.W. clear Lat 69-52 N - Long 167-54 W

Monday 10th Sept

Commenced with moderate S.W. wind clear pleasant weather. ran
 last night until 12 M. then laid aback to E until 1.30 A.M. when
 bore S.W. until daylight then W.P. along edge of Ice pack gradually
 hauling up until we head W by N. the finest day of the season 7
 sail ahead 4 astern saw ships lower for whales astern chasing S.E.
 Ice scattered along south edge and heavy banks about W by N points
 Lat 70-20 N - Long 172-24 West

Tuesday 11th September

Commenced with light S.W. wind, clear weather, steering W by N all
 night daylight only 2 ships ahead 9 A.M. saw them lower
 their boats 9-30 saw whales lowered 3 boats and chased until
 12-30 P.M. when Mr. Lumbert - who turned out of a sick bed stunk
and saved a fair sized cow whale took him to ship & cut
his head off and let him go Herald Island S.W. by N 20
 miles clear pleasant weather and heavy calm all
 the afternoon 7 P.M. to sail in sight & chasing whales
 clear water, plenty of whales who seemed still when we
 stunk, a few pieces of Ice seen sight south of the Island

"Rosario" Cruising off Herald Island N.D. 1888 -
 Wednesday 12th Sept

Came with a moderate North wind with fog, sea squalls
 & frost vapor Herald Island N.D. 15 miles 10 miles seen
 several with boats down chasing saw 2 whales through
 the day, once only! Afternoon working to windward much more
 no observations

Thursday 13th Sept

Commencing with a moderate North wind with fog
 squalls Herald Island N.D. 15 miles Ice makes on to it
 and around to the S.E. saw several ships chasing and 5
 cutting at 10.30 a.m. lowered for a whale. Mr. Lambert struck
 with 1 seen. Mr. Fisher gave his warp to him and finally the
 iron drewed with whale sporting blood. eventually we saved
 him took both ship and cut by 2 1/2 hours a large bull 11 miles seen
 5 cutting one the "Mass" seen & caught afternoon evening fog squalls
 Herald Island N.D. at 7 P.M. sailing ice around. no obs.

Friday 14th Sept

Commenced with a fresh N.E. wind ruffled frost squalls
 and intensely cold had to run off to the south last night
 several times to clear scattering ice - daylight intensely
 cold, ice forming everywhere. whales all around us
 lowered 2 boats @ 5.30 a.m. Mr. Gales made struck and
saved the largest whale yet! When we took him
 alongside boats, and men were covered with ice, had
 to run off to clear ice while cutting which took us 3 hours
 "Herald Island" N.D. 12 miles and ice all around
 saw 10 miles 1 cutting 7 P.M. at dusk under lee of peak
 wind moderating Herald Island N.D. 20 miles

"Rosario" Cruising off Herald Island A.D. 1888
 Saturday 15th Sept.

Calm with a strong S.E. gale and clear Amie
 scuttering ice daylight saw whales seemed wild
 7 a.m. covered 2 boats a ship to windward struck
 stranded whales. The Fisher went on to one whale
 settled, boatmen dived under water and either
 dived over or failed to reach him. Afternoon
 blowing hard under double reefed mainsail & foretysail
 opened 2 small built Reef & back thrown overboard
 17 sail seen Herald Island dark W by N 20 miles
 Lat 71.06 N Long 174.16 West

Sunday 16. September

Calm with a fresh cold N.E. wind clear weather Herald Island
 N.W. 13 miles @ daylight 15 sail in sight and many boiling
 saw the Northern Light "H. Arvidsen" cutting and 2 others
 have not had a chance to lower today saw 4 whales but
 the others striking gave us no opportunity at daylight
 N.E. wind clear Island N.W. 20 miles and even open water
 sent a boat to "Graveling Yellow" for a pair of Binoculars
 she has 2 whales no obs.

Monday 17th September

Commencing with a calm 2 a.m. a light S.W. wind
 clear at dusk on diff tacks daylight made all lower sail
 15 sail & the Island in sight saw the A. Hicks & Hunter
 each take a whale - saw 1 whale once only no chance
 3 P.M. spoke "Elija" 2 whales several ships boiling evening
 fresh breeze under single reefs Island W by S 30 miles

"Rosario" East of Herald Island S. I. 1888
 Tuesday September 18th

Commenced with light S.W. wind and calm standing
 to East along the Ice all day 17 sail in sight & Herald Island
 W. by N 40 miles 9 seals boiling and but one seen whaling
 passed "Lorceda" Heaving S.W. Evening light breeze with snow
 Ice to S.W. we are now 5 miles from a point and Ice thick
 S. by E for the distance no whales and no observations —

Wednesday 19th Sept

Commenced with fresh S.W. wind, snow squalls & very cold weather
 reduced to double reef and stopped daylight but gale clear
 steady to S.E. up to the Ice and then to the East along it &
 through a strip passed a carcass and saw one ship to S.W.
 10 a.m. saw Brig "Hidalgo" standing to the S.W. 12 m more to
 S.W. south of all Ice dark moderating fast gales, rugged
 water, frozen as fast as it reaches through the southerly gale
 ahead 8 to 10 miles — No obs

Thursday 20th Sept

Commenced with a subsiding West wind and clear weather, at 3-
 am made suitable sail on diff tacks, forenoon light
 windy Herald Island N. by W. 35 miles. 10 a.m. spoke Brig
 "Hidalgo" 1 whale Afternoon fresh West wind again
 Ice to East & to 4 P.M. saw a "Bowhead" going quite East
 did not lower dark furred light seals & single reared
 "Herald Island" N. by W. 30 miles in clear water all day
 Let Capt Williams have a 30 lb tin of roach Coffee —
 just at dark saw another whale off weather, beam
 close to the Ice —

"Rosario" T.E. of Herald Island N.I. 18882
 Friday 21st Sept

Commencing with fresh N.W. wind cloudy but otherwise clear atack during night on diff tacks, daylight under single reefs working to N.W. along edge of Ice pack in clear water 7 sail to N.W. 1 cutting at 11 a.m. saw several whales working S.E. Mr Lumber-Sick lowered but 2 boats Mr Goler struck and saved a fair sized whale cut him by 5 P.M. and laid aback under jib & kept running wind light fine snow squalls Herald Island N.W. 30 miles Wrangels Land just in sight - W.T.

Saturday 22nd Sept

Commenced with a calm and light fall of snow in squalls. Many seals and birds scattering ice and 9 sail to the westward, shot & saved an "Eider duck". 10 a.m. a light southerly air, standing to N.W. Under M.V.M. Staysail saw one ship with boats down ~~afternoon~~ worked up to N.W. died, out calm saw 12 sail 9 boiling & cutting saw 5 whales galled lowered 2 boats once Island N.W. 20 miles Calm at dark some whales going E.S. some to S. at 7.58 p.m. saw a number of whales around & dark heading to N.W. still

Sunday 23rd Sept

Comm with a light southerly air, clear weather Ice N 13 sail in sight. Saw 3 ships cut whales saw a full whale chased him 6 hours to no effect evening spoke "Ohio" 2 whales. Capt Gifford - dark light East wind with snow Herald Island 15 miles N.W. - several ships boiling, 8 P.M. spoke Back "Mans" boiling 6 whales -

Surrounded by Ice

Rosario off Herald Island, bound East A. D. 1888 -
 Monday 24th September
 Comm with light-Easterly wind fine snow squalls, which
 cleared off by 9 a.m. and gave us a clear day. At ship looks
 whales today and frightened, they few that we saw so bad
 there, was no chance all the while are going East quick
 Herald Island bearing W by T 15 miles. lowered 1 boat over
 all ships in sight working East - much scattering seen in ship.
 Lat noon 71.18 - L

Tuesday 25th September
 Commencing with light E. & E. wind clear weather, working
 to the Eastward, all night between ice till 4 a.m. daylight
 5 sail in sight saw several whales one "rising" only. evening
 cloudy fine snow squalls sun in "Lucetia"
 Lat 71.13 or Long 173.55 West

Wednesday 26th Sept
 Commenced with a moderate East wind cloudy weather
 under comfortable sail working to the E. through the night
 at daylight found we were surrounded by ice off Cape J. P. Met-
 3 whales - "Eliza" & "Mans" & "Stemmer" "Lucetia" & "Hunt" &
 ran off to the west along the south pack of ice about 6 hours
 looking for an opening to get out. could find none except
 to the wind heading & wind fresh to with snow squalls
 saw 13 sail and we are all in the same predicament
 our only chance for release now is in a strong wind at dark
 luffed to aback heading & under reefed sail a large
 space of open water here. think we saw Herald Island
 to W to day judge it is 35 to 40 miles
 Lat by "Eliza" 70.33 North -

"Rosario" F.C. of Herald Island beset by Ice - 1888
 Thursday 27th September

Came with a light E air, baffling light fall of snow and calm most of the day spoke Brig Hidalgo Jack J. P. West - "Sea Grey" Hunter and "Grinder" all three Master thinks we had best work West to try and pass around the ice to the westward. The "Lucretia" steamed into the ice out of sight to the E. E. evening nearly calm with a fog trying to work to the SE away from the ice let Hidalgo have a lb of Beef & 1 lb of pork soundered in 22 fathoms light E current - no observation -

Friday 28th September

Came with a fresh SE wind and frost squalls which by 5 A M had moderated and a moderate North wind sprang up - heard a ship firing guns ran down to the ice and spoke her the Eliza who reported seeing blue lights from the "Lucretia" bearing S by W at 7 P M yesterday indicating he had found open water to the south all 13 sail came together and held a consultation at 12 M at 2 P M the fog lifted and 10 of us took the ice and ran to the South until 9 P M when wind died out to a calm and we were stopped by the young ice which stopped us effectively we then seemed to be out in the southern water which apparently was free from ice - the "Maas" stopped just about us within hail 6 sail close to the 5 our astern and 3 who did not come but they back saw the J. P. West tows for a while and saw 2 white running through the ice

"Rosario" On the Icepack frozen in by young Ice N.E. 1888
 Saturday 29th September

Commenced with a light N.E. air, and frost squalls going in forming effectual stops us and all the others, during the day wind out N.E. dense fog at times tied up to a large piece of ice all the fleet of 13 in sight afternoon 2 ships in S.E. of us set colors for open water and were working out "Ocean" "Hidalgo" "Muir" & "Ohio" close by "Ocean" anchored to stem with current 3 sail to S.W. evening quite clear Lat 70.40. N Long 172.47 West.

Sunday 30th September

Commenced with a light N.E. wind and clear lying with all sail down motionless, frozen in by young ice at 5 a.m. the heavy strips of ice seemed to have opened through the night and no ice having made through the night we all started to the south by 20 minutes past 10 we were in open water to the south as far as we could see - only one the ship came out and laid aback waiting for the others 12 had come out by 3 P.M. 1 still remaining I think and as 9 ships were waiting - the J.P. Moberg and myself commenced working to the S.E. against a fresh S.W. wind and cloudy saw several whales did not lower at all as they were not still and we were in the ice. Many whitefish - In coming out we ran some seven miles through young ice under all sail with stiff S.E. wind at times making 10 knots ice 1 to 2 feet thick. At dusk single reefed the sails furlled & jib standing on wind south by E under lee off pack sounding for ice 19 1/2 fathoms and W. by S current 1 knot

"Rosario" J. W. Herald Shoals Fanned Out Oct 1/888
 Monday 1st October

Corn with a light S.E. wind and clear weather under all
 sail working to the Eastward along edge of Ice & sail
 In sight - saw several whales going quick S.E. did
 not lower a strong westerly current prevail. coiled a
 new small line for Bow boat - which we used upon
 the Ice hunting ship Lat 70.30 to Long 172.46 West

Tuesday 2nd October

Commencing with a calm and low barometer 29.23
 1 A.M. wind out fresh West with ~~low~~ 3 A.M. it
 cleared up forenoon steering E by T saw 5 sail to the
 steering to the East - saw a number of whales going
 quick to the East - during forenoon luffed to back at
 noon sounded 29 fathoms afternoon steering East
 nothing seen evening ran off to E.S.E. and at dusk
 luffed to aback heading

Lat 69.40 to Long 171.31 West

Wednesday 3rd October

Commenced with a fresh N.E. wind fine snow squalls
 at 1.30 A.M. bore East under lower sail 5 A.M. E.S.E. at 12 M
 saw the land of Cape Lisburne E.S.E. some 20 miles
 run until 4 P.M. for Point Hope to make a lee. comm-
 on thick and blowing a gale bore too under 2 reefed
 fore sail heading W by T. sounded 23 fathoms 5 P.M. 21
 set fore staysail to start on, her wake a confused sea of
 tiny almost like breakers I think to current - no
 squalls afternoon but dull cloudy weather Gun 29.03
 8 P.M. sounded 30 fms took in staysail dropping

"Rosario" South Cape Terburney In A.E. snow storm 4/88
Thursday October 4th

Came with a heavy gale from S.E. with foudrum
hove too under 2 reefed foresail heading W by S and making
a south drift sea more regular and steadier wind
thinks we make quite $1\frac{1}{2}$ to 2 knot drift sounding 30 fms
12 M were ship to S.E. by E. soon came out at 1 P.M. then
thick in a thick snow storm drift 38 sounding 27 fms
30 fms - 5 P.M. 27 fms - 6 P.M. were ship to W by S again

Friday October 5th

Came with a heavy gale from S.E. hove too under 2 reefed
foresail heading E.S.E. until 9 P.M. then were to W by S drifting
about 2 knots to the south, fine snow falling and wind blowing
in gusts - heavy sea running run from 3 to 4 S.E. then hove too
to the west. made about 6 miles run sounding from 24 to 20 fms
evening clearing up some and moderating bar rising from 29
obtained a fair lat at 12 M 67-26 H - agrees with D.R.

Saturday October 6th

Commencing with a subsiding S.E. gale & snow squalls
very heavy sea hove too under 2 reefed foresail sounding
23 & 20 fms - at 1 A.M. bore S.E. by E. run until 2 A.M. then
luffed to again heading S.E. by E. made 6 miles by 10 A.M. at
4 A.M. snow ceased bore S.E. sounding 22 fms at 6 A.M.
saw Cape East S. 35 miles. gradually increased sail until
12 M at bore West 5 miles wind subsiding but still a gale
and high swell passed "Sea Breeze" bore out at 1 P.M.
in smooth water out reefs on foremast set jib & sterguard Stomies
& Prime of Masts in sight 4.20 P.M. landed 2 native North Head St
Lawrence Guy bore south more breeze & clear thick gloom south

"Rosario" off Indian Point A.T.S. 1888.
 Monday 7th October

Commenced with a light N.E. wind and clear
 under all sail South, daylight - Small Island West of
 12 miles and all west coast plain in view at 4 P.M.
 "Indian Point" West 5 miles. Several boats came off -
 report several ships passed to the South. No Russian vessel
 came this year - and that for a month after the fleet had
 gone into the Arctic, whales were in abundance off Cape
 "Agheh", 3 sail seen today one boiling at 6 P.M. a light
 South wind heading N.E. & one on tack & 1/2 N. for the
 other Indian Point - then West 5 miles - a very light wind
 all afternoon from the N.E. steering South from North
 head St Lawrence Bay a true course for the point - find
 we had little current to influence the track of sailing
 as it bore South when first seen! current tonight to
 setting to the Eastward quite strong
 3.30 P.M. Lat. 64-24 N Long 172-02 W Correct Chronometer

Monday 8th October

Comm with a light southerly wind clear weather under all
 sail beating to South, morning fresh S wind stood on to
 St Lawrence Island. Flowing hard afternoon reefed mainmast
 at 3 P.M. tacked to the N.E. Two rocks off Cape Kusallak East
 6 miles 4 P.M. fog and mist at 5 P.M. clearing up wind
 moderating and veering to N.W. heading N.E. 3 sail seen
 made a mistake of standing too far East
 No fog -

"Rosario" In Wharves Sea bound to San Francisco 8/88
 Tuesday 9th October

All sorts of winds and weather through the night calm at times, and strong currents and kite rips heaving from NW to W by N. daylight fresh North wind and clear 6 A.M. by W west end of Lawrence Island "I.H." 15 miles 5 sail seen hauled out through the day steering from S.H. by W wind moderate dead aft. shifting booms frequently to make sails draw. dark 6 P.M. W. end Island N.E. 20 to 25 miles steering I under all forward sails. No observations

Wednesday 10th October

All through the night and day variable wind from NW to N. Moderates and fresh. Steering S by W up to 10 P.M. gustily then S.H.E. to 3 A.M. and then S by E throughout obliged to alter course to keep foresail full and prevent flapping - at 5 P.M. tall Island S.H. by E. 33 miles well covered with snow. seen first at 4 P.M. - Fog at 5 P.M. 97. cloudy but otherwise clear, cold. Ice forming in scuttlebutt pump -

Thursday 11th October

All through these 24 hours light moderate Northerly winds cloudy steering S by E up to 6 A.M. then bore S by E from St. Matthews Island to E 40 miles forenoon wind light N.E. under all sail evening veering back to N. furlled all aft sail down for seal and a few birds only. No observations.

Friday 12th October

Light Northerly winds with snow through the night day calm 4 P.M. light E.H.E. air, under all sail S.H.E. corner S by E. repaired foresail. hauled in 60 fms. lost Taffrail by line through 2nd mate's set another from Am. boats Lat 58.36 N Long 173.56 W

Rosario " On Gehring's Sea bound South Oct 1868
 Saturday 13th October
 Light baffling wind throughout from S to S.W. cloudy and
 at times nearly calm heading course most of time &
 others E & E by N rain showers last evening saw the seals
 only under all sail Lat by Log 54.50 N Long 2 18 W 173.10 W
 Sunday October 14th

Variably winds E and S with rain showers first part
 heading to the eastward 7 A.M. turned to the S wind
 freshening from the East all afternoon heading S by E
 furled light sails and single reefed. 5 P.M. strong
 breeze East and a long south swell occasionally cloudy
 Lat in 56.55 N Long 172.09 West
 Monday October 15th

Commencing with a gale from the East with rain fog &
 gloomy weather under double reefed sails & steering
 heading S by E and making about a 1/2 S course from 2
 yesterday to 4 P.M. to day have made by Log 56 miles —
 Tuesday October 16th

Commenced with an East gale with rain & fog dark clouds
 clear through the night from 10 P.M. to 5 this morning moon &
 stars out bright then thick all day. clearing bright one reef out
 of fore sail & jib set. 10 A.M. furled jib cross sea at times I think
 from tide rips, saw considerable many pieces of detached kelp
 steering S by E throughout from 4 P.M. yesterday to 4 P.M. today have
 made by Log sail Log 85 miles - Log at 4 P.M. 533. steering
 S by E all night by moonlight 3 A.M. dense fog land aback

In Fehring's Sea off 172 p.m. In a dense fog Oct. 17, 1888 -
Wednesday 17th October -

A dense fog and high swell with a strong East wind through forenoon fog lifting at times bore S by E but soon setting down again laid on North tack. Afternoon wind moderating dense fog spoke for "Galena" 12 whistles 3 P.M. heading N by W dense fog seen distant peaks of Kelp and Thaps — @ dark 6 P.M. a dense fog heading N by E at dusk under reefed sails and drifting to N.W. Log on 0

Thursday 18th October

A subsiding East wind and heavy swell 7 A.M. calm & sail in sight 9 A.M. a light E. air, sun out bright & clear after 12 P.M. commenced raining in squalls fresh breeze furlled light sails at times very cloudy at others clear heading S by E one sail close by Evening wind veering to the N.E. strong E by S under high reefs and jib a low barometer and falling 28.80

Lat Noon 53.31 Long 4 P.M. 173.04 West

Friday 19th October

A fresh N.E. wind with rain showers under double reefed main single reefed foresail and fore staysail steering East a back draught at 5 A.M. bore S.E. 6.30 A.M. saw Amoochika Island C.T. 25 miles a big and 2 banks fine rain showers and a strong gale from the N.E. 9 A.M. abreast the Island 11 A.M. bore S by E under whole foresail topsail and flying jib ^{squarely} all the time & 3 P.M. had made by log 56 miles since 9 A.M. nothing in sight — Barometer ^{barometer} rising 29.150 ^{at 10 P.M.}

"Rosario" On the North Pacific, bound to San Francisco
 Saturday 20th October A.D. 1888 -

A steady North^{West} wind clear bright moonlight up to 12 midnight
 steering E.S.E. under Foretopsail 1 & m wind veering to S fresh
 made all sail daylight bore E by S and at 11 a m East clear
 pleasant throughout bright sunbreeze and flag clouds the first
 pleasant day time out of wind sent down cutting jacks
 & crowned Jack Andrew Dick's adieu evening wind to S &
 moderating Lat 50-13 N Long 167-25 W

Sunday 21st October -

Moderate North wind in puffs clear pleasant weather
 under all sail East. Afternoon light breeze
 Lat 49-30 N Long 164-00 W

Monday 22nd October

Moderate North wind clear pleasant weather throughout
 12 midnight wind veered round to S East under all
 sail imp in pursuing whaleboat afternoon fine
 breeze smooth and clear S W

Lat 48.45 N Long 161-18 W

Tuesday 23rd October

Strong South wind and clear during night & forenoon
 afternoon cloudy rain showers steering East throughout
 under Foretopsail jibs and 2 Reefed main and Lat 48.28

Wednesday 24th October

Strong S.W. wind and clear through and forenoon high
 heavy swell East under all drawing sail afternoon cloudy
 and moderating round W.S.W. bore E by S for sail to draw
 a barque adieu overhauling and call the Maclure
 Lat 47-49 North No Long

"Rosario" On the North Pacific, bound to San Francisco 1888 -
 Thursday 25th October

A subsiding S.W. gale with fog and rain. Ely I under all
 drawing sail 10 A.M. wind out S.W. moderate, cloudy all
 sail set. saw one first Hawaiian bird, and finished
 scraping the whalebone. Lat 46-55 N Long 147-43 West

Friday 26th October

Fresh S.W. wind with rain and fog. Ely I under all
 sail making about 8 knots. At 8 A.M. came alongside a
 large Spinnaker whale going East very slow and still we frightened
 him badly. At 9 A.M. saw another, and at 10 A.M. ran close
 to another who did not seem to be frightened much. At 12
 saw another heading off to the S. The weather was thick &
 from this distance we ran since seeing the first there
 must have been a large shoal of them, all large by
 our position, when first whale was seen was Lat 46-45 N
 Long 148-00 W. From 12 yesterday to 12 today ran Ely I 152 miles
 afternoon clear good wind tending N.

Saturday 27th October

A fresh S.W. wind cloudy with rain, and high, weather
 well under all forward sail Ely I. Emp in making
 ship, inside forenoon wind moderating and veering
 around to West afternoon light and heavy swell
 from S.W. fluttering of sails throughout most of day
 Many Hawaiian birds around foretop sail
 that
 No observations -

Rosario Ground to San Francisco Cal. 1888
Sunday 28th October

A mod west wind veering to SW and constant rain through the night forenoon South wind moderating and clearing off afternoon clear & fine SW wind Ely under all sail

Lat 43-25 N Long 137-48 W
Monday 29th October

Moderately SW wind and clear under all sail Ely commenced at daylight and by 3 P.M. finished washing the whale bone. Afternoon wind out N to E mod but cloudy

Lat 42-08 N Long 134-43 West

Tuesday 30th October

Moderately SW wind veering to the westward cloudy but fine weather Ely under all sail Employed in putting away trade articles and small stores into boxes taking up stores etc. Afternoon bundling whalebone 5 P.M. had 29 bundles in trade room weighing 2711 lbs. Marked R used numbered from 1 to 29. Evening light west wind took in aft-sail Lat noon 41-06 N Long

Wednesday 31st October

Moderately West wind cloudy rain showers through night Ely under all forward sail finished bundling whalebone and put into Fore Room 67 bundles weighing 7117 lbs. Marked R & numbered 1 to 67 white paint. Afternoon, clear wind N to W Lat 40-00 N Long 129-25 W

"
 Rosario Bound to San Francisco 188-
 Thursday 1st November

Light-buffing westerly winds and rain showers
 under all forward sail & by 12 Forenoon wind
 light & w. Emp'd in cleaning and strutting up things
 hold in particular working boat Afternoon
 clear saw a large ship beating up the coast to the
 N

Lat 69-20 N Long 127-49 West

Friday 2^d November

Moderate N.E. wind cloudy with fine mist
 squalls under all sail & by 12 Emp'd in working
 ship outside, cleaning and scraping bright work
 Afternoon, caught 3 fine large Albicore, by hauling
 line, astern, Lat 38-30 N Long 125-40 West

Very list of the "Rosario" articles consumed
 March 1 Jamell Corned Beef - 1 "ex Rosario"

" 7¹/₂ lbs do Salt do - 2 Ex New Stores

" 7¹/₂ do do Pork - 1 Ex "Rosario"

" 15 1 box 200 lbs Codfish - 1 Ex New Stores -

" " 1 Case 21 bags C. B. Flour, Ex do do - 1

" 20 1/2 bbl Salt-Salmon ex Rosario 1

" 21 1/2 do do do Ex New Stores 2

" 26 1 Keg Pickles ex New Stores 1

" 27 1 do Tripe - 1 Barrel Salt-Pork (ex new stores) 1 1/2

March 7th 1 Keg Roll Butter ex New Stores -

" 28 1 box Currants - 1 do Dago (New stores)

" 6th 1 barrel of Salt-Beef " (New stores)

" 30th 1 Case Ham - 1 case Bacon (New Stores)

" 31st 1 Jamell Molasses 1 (ex "Arnolda")

April 1st 1 Keg Roll Butter 2 (Ex New stores)

" 3rd 1 Tim Pilot Spread - 1 do Army Crackers ex (New stores)

" 10th 1 Box 4 Cheese - 1 Kit-Machine² (ex New Stores)

" 11th 1 Jamell Salt-Beef⁴ (ex New Stores)

" 14th 1 do Dyer Pork 2 1/2 Ex New Stores.

" 17th 1 case Lard - 1 do Sterilized Milk ex New stores

" 18th 1 Case "German" 1 do Clams, 1 do Clam Chowder (ex New Stores)

" " 1 bag Apples - 1 do Peaches - 1 sack corn meal (ex New Stores)

" " 1 do Pickled - 1 case Ketchup^{2 1/2} (ex "Rosario" & New Stores)

" 21 1 case Lobster 1 Tim Pilot Spread (ex New Stores)

" 24 1/2 bbl Granulated Sugar² 135 lbs (ex New Stores)

" 25 1 case Green Corn (ex Arnolda) 1 case art. soups² (ex Arnolda)

" 28 1 bbl Salt Pork 3 1/4 (ex New Stores) 1 Kit-Machine (ex New Stores)

" 30 1 Case art. soups³ (ex New Stores)

"Rosario" Store List.

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- May 2^d / keg Roll Butter 3. (ex Norton, Teller & Co)
 " 5th / 1 Barrel Salt-Beef - 5 (ex Norton, Teller & Co)
 " 10th / 1 barrel Salt-Pork 4 1/2 (ex Norton, Teller & Co)
 " 15 / 1 case Roast-Beef (Challenges) (ex Daniel, Foster & Co)
 " " 1 case split-peas 2 — (ex do do)
 " " 1 Cask Flour 24 1/4 sacks 2 (ex new stores)
 " 16 / 1 box Vermicelli 1 (ex new stores)
 " 18 / 1 Tin Pilot-Bread 3 — (ex new stores)
 " 21 / 1 Kit-Mackerel 4 (ex new stores)
 " 25 - 1 1/2 bbl Golden Eagle, 150 lbs. 3 / 1 case Codfish 2 (ex new stores)
 " 26 / 1 bbl Salt-Pork 5 1/2 (ex Norton, Teller & Co)
 " 27 / 1 Cask Bread 339 lbs new stores 2
 June 2^d / 1 cask Bread ex Douglass / 1 cask Flour ex "Arnold" ^{Quar}
 " 6 - 1 Tin Pilot-Bread 4 - 1 bbl Salt-Beef 6 / 1 bbl Salt-Pork 6 1/2 - 1 Tin Tea (ex new stores)
 " 8th / 1 Keg Butter (Roll) 4 ex Norton, Teller & Co -
 " 12th / 1 bag Whole Peas 2 2 bags Beans White & Red 3 / 1 case Rumagie 3 1/2
 " 16th / 2 do Buckwheat 3 - 2 do Corn meal 3 (ex. Lams, Foster)
 " 19 / 1 case Clams 2 — June 20th / 1 barrel Salt-Pork 7 1/2
 " 25th / 1 cask Bread 50 lbs (new stores) 3 / 1 Tin Pilot-Bread 6 (new stores)
 " 27th / 1 barrel Salt-Beef 7 — June 28th / 1 case Roast-Mutton (new stores)
 " 30th / 1 barrel molasses 2 July 2^d / 1 bbl Salt-Pork 8 1/2 (new stores)
 July 9th / 1 box split-peas 3 - 1 do Clam Chowder 2 / 1 do Corn 1 / 1 Tin Coffee 2
 " 13th / 1 Keg G.C. Sugar 4 - 1 Keg Roll Butter 5 / July 14th / 1 bbl Pork 9 1/2
 " 16th / 1 case condensed milk 2 - 1 Tin Pilot-Bread 6 (ex new stores)
 " 20th / 1 case jelly & jam 1 / 1 case (Kennebec) nut oil (ex new stores)
 " 25 / 1 box 100 lbs Household soap 2 (ex S. Foster & Co) July 27th / 1 "Grogg Phoenix" 1 / 1 Tin Coffee 3
 Aug 6th / 1 barrel Salt-Beef 8 - 1 barrel Salt-Pork 10 1/2 / 1 Tin Pilot-Bread 7
 " " / 1 box baking powder — (ex new stores)
 " 7th / 1 case Green Corn — 1 case green Beans — 1 case salt Codfish 3
 " " / 1 box Tapioca — 1 box Oranges — 1 box Baking Powder
 " 15 - 1 Cask Flour 24 sacks 3 — 1 Cask Ship Bread 4 397 lbs (ex new stores)

